5620 SAM Network Element Compatibility Guide

Version 1.106

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1 Introduction

The 5620 SAM Network Element Compatibility Guide describes the compatibility between releases of the Alcatel-Lucent 5620 Service Aware Manager (5620 SAM) and the following network elements:

- 7750 Service Router (7750 SR)
- 7450 Ethernet Service Switch (7450 ESS)
- 7710 Service Router (7710 SR)
- 7705 Service Aggregation Router (7705 SAR)
- 7210 Service Access Switch (7210 SAS)
- 7250 Service Access Switch (7250 SAS)
- 7750 Mobile Gateway (7750 MG)
- 9471 Mobile Management Entity (9471 MME)
- 5870 Dynamic Services Controller (5870 DSC)
- 9412 / 9926 eNodeB
- Telco T5 Compact Service Extension Node
- OmniSwitch 6250 Series
- OmniSwitch 6850 Series
- OmniSwitch 6855 Series
- OmniSwitch 6400 Series
- OmniSwitch 9600 Series
- OmniSwitch 9700 Series
- OmniSwitch 9700E Series
- OmniSwitch 9800 Series
- OmniSwitch 9800E Series
- 9500 Microwave Packet Radio (9500 MPR)
- 1830 Photonic Service Switch (1830 PSS)

This document should be used in conjunction with the relevant 5620 SAM Release Description to determine the set of functionality supported by 5620 SAM.

It is the intent of this document to be published frequently, in order to document the compatibility of 5620 SAM with new product releases. The latest version of this document can be retrieved from Alcatel-Lucent OnLine Customer Support (OLCS) using the following URL:

https://infoproducts.alcatel-lucent.com/aces/cgi-bin/dbaccessproddoc.cgi.edit?entryId=1-0000000002372&doctype=DOC

1.1 Intended Audience

This document is to be used by customers to determine compatibility between network element releases and 5620 SAM releases.

2 Alcatel-Lucent 5620 SAM Documentation Set

Alcatel-Lucent publishes additional documentation describing other aspects of the Alcatel-Lucent 5620 SAM product.

- *5620 SAM Installation and Upgrade Guide* details the procedures necessary to install or upgrade 5620 SAM. This guide also describes procedures for making changes to the configuration of the 5620 SAM deployment, such as adding SAM redundancy.
- *5620 SAM User Guide* contains information about using the client GUI to perform network management functions, including the configurable parameters in the *5620 SAM Parameter Guide* to find definitions, ranges, dependencies, and defaults.
- *5620 SAM Statistics Management Guide* contains information about configuring the 5620 SAM to collect accounting and performance statistics, as well as descriptions of collected statistics.
- *5620 SAM-O OSS Interface Developer Guide* contains information about using the XML OSS interface to create OSS applications, such as alarm monitoring and inventory controls.
- *5620 SAM Troubleshooting Guide* provides information to troubleshoot 5620 SAM-managed networks, services, applications and platforms.
- *5620 SAM Routine Maintenance Procedures Guide* helps develop and schedule regular maintenance activities.
- *5620 SAM System Architecture Guide* contains a high-level view of 5620 SAM communications, configuration, and security functionality.
- *5620 SAM Network Element Compatibility Guide* contains information about which versions of NEs are manageable by what versions of 5620 SAM, including a description of any restrictions or limitations on 5620 SAM's management capabilities.
- *5620 SAM Release Description* provides detailed description of the functionality offered by 5620 SAM.

3 Network Element Compatibility

3.1 Alcatel-Lucent 7750 Service Router

Alcatel-Lucent 7750 Service Router Release 9.0

Table 1: 7750 SR 9.0 R3

5620 SAM Release	Compatibility Statement (7750 SR 9.0 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **DHCP Filter Capability.** 5620 SAM does not support dhcp filters. [609989] **Credit Control IPv6 Filter.** 5620 SAM does not support new range of icmp-code and icmp-type. [609984] **Percentage Based BW in QoS policies.** 5620 SAM does not support Percentage Based Bandwidth in QoS Policies. [609976] **VID Filters.** 5620 SAM does not support VLAN in MAC filter inc. bitmask for ACL and QoS policies . [609969] **Multi-segment PW Routing.** 5620 SAM does not support Multi-Segment Pseudowire Routing (Dynamic MS-Pws). [609964] **Extentions to ATM/ETHERNET Last-mile Aware QoS for BNG**. 5620 SAM does not support Extentions to ATM/ETHERNET Last-mile Aware QoS for Broadband Network Gateway. [609997] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379

5620 SAM Release	Compatibility Statement (7750 SR 9.0 R3)
	Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]

Table 2: 7750 SR 9.0 R1 through R2

5620 SAM Release	Compatibility Statement (7750 SR 9.0 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection

5620 SAM Release	Compatibility Statement (7750 SR 9.0 R1 through R2)
	state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).

5620 SAM Release	Compatibility Statement (7750 SR 9.0 R1 through R2)
	MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Alcatel-Lucent 7750 Service Router Release 8.0

Table 3: 7750 SR 8.0 R10[1]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP LCP Protocol Reject.** 5620 SAM does not support provisioning PPP policy to "reject-disabled-ncp" if ipv6 was not configured". [610833] **Credit Control IPv6 Filter.** 5620 SAM does not support new range of icmp-code and icmp-type. [610781] **CBS Pool Alarm Thresholds.** 5620 SAM does not support provisioning or monitoring of pool alarm thresholds for CBS. [610784] **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts.

[1] Note: 7750 SR 8.0 R8 was never released to the field.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	[587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	Additional Chassis Support for Cpipe VLL PW Switching. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **(PTS 601293) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [601293] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **(PTS 601293) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [601293] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	[572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **(PTS 601293) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [601293] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **7750 SR-c4.** 5620 SAM does not support Management of 7750 SR-c4. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **H-Pol Support for 7750 SR-c12/SR-c4.** 5620 SAM does not support Class-Fair Hierarchical Policing (H-Pol) for 7750 SR-c12/SR-c4. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	Video-ISA with Alcatel-Lucent 5910 VSA SP4 (RET/FCC). 5620 SAM does not support Video-ISA with Alcatel-Lucent 5910 VSA Service Pack 4 (RET/FCC), including dynamic computation of FCC duration and bandwidth, audio re-ordering for FCC. **Video Dual-Stream Selection.** 5620 SAM does not support video dual-stream selection. **Video Quality Monitoring.** 5620 SAM does not support Video Quality Monitoring (VQM). **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **(PTS 601293) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [601293] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	RSVP-TE P2MP I-PMSI. 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **7750 SR-c4.** 5620 SAM does not support Management of 7750 SR-c4. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	Remove/Add/Modify Domain Names in RADIUS Authentication. 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **H-Pol Support for 7750 SR-c12/SR-c4.** 5620 SAM does not support Class-Fair Hierarchical Policing (H-Pol) for 7750 SR-c12/SR-c4. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Video-ISA with Alcatel-Lucent 5910 VSA SP4 (RET/FCC).** 5620 SAM does not support Video-ISA with Alcatel-Lucent 5910 VSA Service Pack 4 (RET/FCC), including dynamic computation of FCC duration and bandwidth, audio re-ordering for FCC. **Video Dual-Stream Selection.** 5620 SAM does not support video dual-stream selection. **Video Quality Monitoring.** 5620 SAM does not support Video Quality Monitoring (VQM). **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	Hashing Enhancements for Consistent Per-Service Forwading . 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LAC Tunnel Support for VPRN (L2TP).** 5620 SAM does not support LAC Tunnels for VPRN (L2TP). **LNS Over MPLS LNS.** 5620 SAM does not support LNS Over MPLS LNS. **L2TP Tunnel Switching with ESM.** 5620 SAM does not support L2TP Tunnel Switching with ESM. **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R10)
	ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 4: 7750 SR 8.0 R9[2]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and

[2] Note: 7750 SR 8.0 R8 was never released to the field.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **(PTS 601293) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [601293] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **(PTS 601293) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [601293] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **(PTS 601293) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [601293] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **7750 SR-c4.** 5620 SAM does not support Management of 7750 SR-c4. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **H-Pol Support for 7750 SR-c12/SR-c4.** 5620 SAM does not support Class-Fair Hierarchical Policing (H-Pol) for 7750 SR-c12/SR-c4. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Video-ISA with Alcatel-Lucent 5910 VSA SP4 (RET/FCC).** 5620 SAM does not support Video-ISA with Alcatel-Lucent 5910 VSA Service Pack 4 (RET/FCC), including dynamic computation of FCC duration and bandwidth, audio re-ordering for FCC. **Video Dual-Stream Selection.** 5620 SAM does not support video dual-stream selection. **Video Quality Monitoring.** 5620 SAM does not support Video Quality Monitoring (VQM). **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	Routed VPLS. 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	rate limiting of MPLS exception messagesfor VPRN Services. [607059] **(PTS 601293) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [601293] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **7750 SR-c4.** 5620 SAM does not support Management of 7750 SR-c4. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	ATM/ethernet last-mile aware QoS for broadband network gateway. **H-Pol Support for 7750 SR-c12/SR-c4.** 5620 SAM does not support Class-Fair Hierarchical Policing (H-Pol) for 7750 SR-c12/SR-c4. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Video-ISA with Alcatel-Lucent 5910 VSA SP4 (RET/FCC).** 5620 SAM does not support Video-ISA with Alcatel-Lucent 5910 VSA Service Pack 4 (RET/FCC), including dynamic computation of FCC duration and bandwidth, audio re-ordering for FCC. **Video Dual-Stream Selection.** 5620 SAM does not support video dual-stream selection. **Video Quality Monitoring.** 5620 SAM does not support Video Quality Monitoring (VQM). **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	ports. **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LAC Tunnel Support for VPRN (L2TP).** 5620 SAM does not support LAC Tunnels for VPRN (L2TP). **LNS Over MPLS LNS.** 5620 SAM does not support LNS Over MPLS LNS. **L2TP Tunnel Switching with ESM.** 5620 SAM does not support L2TP Tunnel Switching with ESM. **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change. **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R9)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 5: 7750 SR 8.0 R7

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	New 100 GigE PCS Report Alarms. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
5620 SAM 8.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **(PTS 601293) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [601293] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

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	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **(PTS 601293) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [601293] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	Removal of Chassis Mode D Restriction for PBB MC-LAG. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **(PTS 601293) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [601293] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841]

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	IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **7750 SR-c4.** 5620 SAM does not support Management of 7750 SR-c4. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **H-Pol Support for 7750 SR-c12/SR-c4.** 5620 SAM does not support Class-Fair Hierarchical Policing (H-Pol) for 7750 SR-c12/SR-c4. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Video-ISA with Alcatel-Lucent 5910 VSA SP4 (RET/FCC).** 5620 SAM does not support Video-ISA with Alcatel-Lucent 5910 VSA Service Pack 4 (RET/FCC), including dynamic computation of FCC duration and bandwidth, audio re-ordering for FCC. **Video Dual-Stream Selection.** 5620 SAM does not support video dual-stream

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	selection. **Video Quality Monitoring.** 5620 SAM does not support Video Quality Monitoring (VQM). **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	BGP Prefix Limit Threshold Percentage and Log-only. 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **(PTS 601293) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [601293] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **7750 SR-c4.** 5620 SAM does not support Management of 7750 SR-c4. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **H-Pol Support for 7750 SR-c12/SR-c4.** 5620 SAM does not support Class-Fair Hierarchical Policing (H-Pol) for 7750 SR-c12/SR-c4. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Video-ISA with Alcatel-Lucent 5910 VSA SP4 (RET/FCC).** 5620 SAM does not support Video-ISA with Alcatel-Lucent 5910 VSA Service Pack 4 (RET/FCC), including dynamic computation of FCC duration and bandwidth, audio re-ordering for FCC. **Video Dual-Stream Selection.** 5620 SAM does not support video dual-stream selection. **Video Quality Monitoring.** 5620 SAM does not support Video Quality Monitoring (VQM). **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports. **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LAC Tunnel Support for VPRN (L2TP).** 5620 SAM does not support LAC Tunnels for VPRN (L2TP). **LNS Over MPLS LNS.** 5620 SAM does not support LNS Over MPLS LNS. **L2TP Tunnel Switching with ESM.** 5620 SAM does not support L2TP Tunnel Switching with ESM. **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change. **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	[587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R7)
	the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 6: 7750 SR 8.0 R6

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution.** 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	Static LSPs. [572545] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	IPSec IKEv2. 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	OAM SAA IMCP Ping Forwaring Class. 5620 SAM does not support the configuration of forwarding class. [568282] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 598309) Router Reboot Caused By Service Endpoint Creation.** Creation of a service endpoint using 5620 SAM will result in a router reboot. A fix for this issue will be available as of 5620 SAM 8.0 R6 or 7750/7450/7710 Release 8.0 R7. [598309] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	Removal of Chassis Mode D Restriction for PBB MC-LAG. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 598309) Router Reboot Caused By Service Endpoint Creation.** Creation of a service endpoint using 5620 SAM will result in a router reboot. A fix for this issue will be available as of 5620 SAM 8.0 R6 or 7750/7450/7710 Release 8.0 R7. [598309] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	Removal of Chassis Mode D Restriction for PBB MC-LAG. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **7750 SR-c4.** 5620 SAM does not support Management of 7750 SR-c4. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	NAT Basic Port Forwarding. 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **H-Pol Support for 7750 SR-c12/SR-c4.** 5620 SAM does not support Class-Fair Hierarchical Policing (H-Pol) for 7750 SR-c12/SR-c4. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Video-ISA with Alcatel-Lucent 5910 VSA SP4 (RET/FCC).** 5620 SAM does not support Video-ISA with Alcatel-Lucent 5910 VSA Service Pack 4 (RET/FCC), including dynamic computation of FCC duration and bandwidth, audio re-ordering for FCC. **Video Dual-Stream Selection.** 5620 SAM does not support video dual-stream selection. **Video Quality Monitoring.** 5620 SAM does not support Video Quality Monitoring (VQM). **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 598309) Router Reboot Caused By Service Endpoint Creation.** Creation of a service endpoint using 5620 SAM will result in a router reboot. A fix for this issue will be available as of 5620 SAM 8.0 R6 or 7750/7450/7710 Release 8.0 R7. [598309] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	Hash-label Feature Support in Chassis Mode A/B. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **7750 SR-c4.** 5620 SAM does not support Management of 7750 SR-c4. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **H-Pol Support for 7750 SR-c12/SR-c4.** 5620 SAM does not support Class-Fair Hierarchical Policing (H-Pol) for 7750 SR-c12/SR-c4. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Video-ISA with Alcatel-Lucent 5910 VSA SP4 (RET/FCC).** 5620 SAM does not support Video-ISA with Alcatel-Lucent 5910 VSA Service Pack 4 (RET/FCC), including dynamic computation of FCC duration and bandwidth, audio re-ordering for FCC. **Video Dual-Stream Selection.** 5620 SAM does not support video dual-stream selection. **Video Quality Monitoring.** 5620 SAM does not support Video Quality Monitoring (VQM). **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LAC Tunnel Support for VPRN (L2TP).** 5620 SAM does not support LAC Tunnels for VPRN (L2TP).

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS. **L2TP Tunnel Switching with ESM.** 5620 SAM does not support L2TP Tunnel Switching with ESM. **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change. **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R6)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 7: 7750 SR 8.0 R5

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **7750 SR-c4.** 5620 SAM does not support Management of 7750 SR-c4. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **H-Pol Support for 7750 SR-c12/SR-c4.** 5620 SAM does not support Class-Fair Hierarchical Policing (H-Pol) for 7750 SR-c12/SR-c4. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Video-ISA with Alcatel-Lucent 5910 VSA SP4 (RET/FCC).** 5620 SAM does not support Video-ISA with Alcatel-Lucent 5910 VSA Service Pack 4 (RET/FCC), including dynamic computation of FCC duration and bandwidth, audio re-ordering for FCC. **Video Dual-Stream Selection.** 5620 SAM does not support video dual-stream selection. **Video Quality Monitoring.** 5620 SAM does not support Video Quality Monitoring (VQM). **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE.** 5620 SAM does not support the configuration of ICMP VSE (Vendor specific

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **IPSec IKEv2.** 5620 SAM does not support IPSec Internet Key Exchange version 2 (IKEv2). **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	Ethernet CFM Frame Rate Limiting. 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **7750 SR-c4.** 5620 SAM does not support Management of 7750 SR-c4. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **H-Pol Support for 7750 SR-c12/SR-c4.** 5620 SAM does not support Class-Fair Hierarchical Policing (H-Pol) for 7750 SR-c12/SR-c4. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Video-ISA with Alcatel-Lucent 5910 VSA SP4 (RET/FCC).** 5620 SAM does not support Video-ISA with Alcatel-Lucent 5910 VSA Service Pack 4 (RET/FCC), including dynamic computation of FCC duration and bandwidth, audio re-ordering for FCC. **Video Dual-Stream Selection.** 5620 SAM does not support video dual-stream selection. **Video Quality Monitoring.** 5620 SAM does not support Video Quality Monitoring (VQM). **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	AA-ISA Large Session Congestion Mitigation. 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LAC Tunnel Support for VPRN (L2TP).** 5620 SAM does not support LAC Tunnels for VPRN (L2TP). **LNS Over MPLS LNS.** 5620 SAM does not support LNS Over MPLS LNS. **L2TP Tunnel Switching with ESM.** 5620 SAM does not support L2TP Tunnel Switching with ESM. **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change. **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R5)
	the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 8: 7750 SR 8.0 R4

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change.** A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack). **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change.** A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack). **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change.** A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	configured (v4/v6 Dual-stack). **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **7750 SR-c4.** 5620 SAM does not support Management of 7750 SR-c4. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **H-Pol Support for 7750 SR-c12/SR-c4.** 5620 SAM does not support Class-Fair Hierarchical Policing (H-Pol) for 7750 SR-c12/SR-c4. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Video-ISA with Alcatel-Lucent 5910 VSA SP4 (RET/FCC).** 5620 SAM does not support Video-ISA with Alcatel-Lucent 5910 VSA Service Pack 4 (RET/FCC), including dynamic computation of FCC duration and bandwidth, audio re-ordering for FCC. **Video Dual-Stream Selection.** 5620 SAM does not support video dual-stream selection. **Video Quality Monitoring.** 5620 SAM does not support Video Quality Monitoring (VQM). **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	TACACS+ 128-Character Secret Key. 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change.** A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack). **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **7750 SR-c4.** 5620 SAM does not support Management of 7750 SR-c4. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3/CFM on 7750 SR-7/SR-12/SR-c4. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	ATM Aware QoS for Broadband Network Gateway. 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **H-Pol Support for 7750 SR-c12/SR-c4.** 5620 SAM does not support Class-Fair Hierarchical Policing (H-Pol) for 7750 SR-c12/SR-c4. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Video-ISA with Alcatel-Lucent 5910 VSA SP4 (RET/FCC).** 5620 SAM does not support Video-ISA with Alcatel-Lucent 5910 VSA Service Pack 4 (RET/FCC), including dynamic computation of FCC duration and bandwidth, audio re-ordering for FCC. **Video Dual-Stream Selection.** 5620 SAM does not support video dual-stream selection. **Video Quality Monitoring.** 5620 SAM does not support Video Quality Monitoring (VQM). **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	Enable ESMC on WAN Ports. 5620 SAM does not support enabling ESMC for WAN ports. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LAC Tunnel Support for VPRN (L2TP).** 5620 SAM does not support LAC Tunnels for VPRN (L2TP). **LNS Over MPLS LNS.** 5620 SAM does not support LNS Over MPLS LNS. **L2TP Tunnel Switching with ESM.** 5620 SAM does not support L2TP Tunnel Switching with ESM. **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change. **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R4)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 9: 7750 SR 8.0 R3

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R3)
	Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R3)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R3)
	on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R3)
	the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R3)
	Uni-directional APS Support. 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R3)
	MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R3)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R3)
	[576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R3)
	PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R3)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 10: 7750 SR 8.0 R1 through R2

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R1 through R2)
	RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R1 through R2)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R1 through R2)
	Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R1 through R2)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547]

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R1 through R2)
	ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R1 through R2)
	the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch,

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R1 through R2)
	configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R1 through R2)
	Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 8.0 R1 through R2)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Alcatel-Lucent 7750 Service Router Release 7.0

Table 11: 7750 SR 7.0 R19

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-

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	PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

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	synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support

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	the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC

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	Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.

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	ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.

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5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global

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	rate limiting of MPLS exception messagesfor VPRN Services. [608929] **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes

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5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global

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	rate limiting of MPLS exception messagesfor VPRN Services. [608929] **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.

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	Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	rate limiting of MPLS exception messagesfor VPRN Services. [608929] **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]

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	APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does

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	not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS

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	Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682]

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	(PTS 587683) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces.

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	[572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over

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	RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **7750 SR-c12**. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R3 will not correctly identify and manage all components requiring the router to be unmanaged. **Local/Zoned AD Insert (ADI) Splicer**. 5620 SAM does not support AD Insert (ADI) Splicer. **WRED-Per-Queue**. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **5-Port 10G Ethernet XFP IMM**. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM). **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	Configurable CFM Thresholds. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap)**. 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R19)
	Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 12: 7750 SR 7.0 R17 through R18

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution.** 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check.** 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes.** 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number.** 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default".** 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover.** 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation.** 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	part number. [593083] **Power Supply Type "Default".** 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	MMRP IMPM Override. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth.** 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization

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	for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum

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	Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]

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	Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response

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	packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 603378) Deployment Failure For ISA IPSec Group Creation.** Attempted creation of an ISA IPSec Group using 5620 SAM will result in a deployment failure. [603378] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **7750 SR-c12**. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R3 will not correctly identify and manage all components requiring the router to be unmanaged. **Local/Zoned AD Insert (ADI) Splicer**. 5620 SAM does not support AD Insert (ADI) Splicer. **WRED-Per-Queue**. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM). **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R17 through R18)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 13: 7750 SR 7.0 R14 through R16

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution.** 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check.** 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes.** 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number.** 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default".** 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover.** 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation.** 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	Power Supply Type "Default". 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	APS Multilink Bundle Stateless Switchover. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database.** 5620 SAM does not support Local User

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]

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	Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

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	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot

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5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for

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	Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]

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	7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

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	of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **7750 SR-c12**. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R3 will not correctly identify and manage all components requiring the router to be unmanaged. **Local/Zoned AD Insert (ADI) Splicer**. 5620 SAM does not support AD Insert (ADI) Splicer. **WRED-Per-Queue**. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **5-Port 10G Ethernet XFP IMM**. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM). **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R14 through R16)
	Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 14: 7750 SR 7.0 R13

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

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5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531]

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	Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526]

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	IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and

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	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **7750 SR-c12**. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R3 will not correctly identify and manage all components requiring the router to be unmanaged. **Local/Zoned AD Insert (ADI) Splicer**. 5620 SAM does not support AD Insert (ADI) Splicer. **WRED-Per-Queue**. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **5-Port 10G Ethernet XFP IMM**. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM). **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap)**. 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R13)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 15: 7750 SR 7.0 R12

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
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5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
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5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
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	state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	H-QOS Adjustments based on Video Viewership. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **7750 SR-c12**. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R3 will not correctly identify and manage all components requiring the router to be unmanaged. **Local/Zoned AD Insert (ADI) Splicer**. 5620 SAM does not support AD Insert (ADI) Splicer. **WRED-Per-Queue**. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	5-Port 10G Ethernet XFP IMM. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM). **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R12)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 16: 7750 SR 7.0 R10 through R11

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	[576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	such as start and completion of a recover action after system startup..
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **7750 SR-c12**. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R3 will not correctly identify and manage all components requiring the router to be unmanaged. **Local/Zoned AD Insert (ADI) Splicer**. 5620 SAM does not support AD Insert (ADI) Splicer. **WRED-Per-Queue**. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **5-Port 10G Ethernet XFP IMM**. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM). **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R10 through R11)
	Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 17: 7750 SR 7.0 R8 through R9

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	MPLS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
through R3	limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **7750 SR-c12**. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R3 will not correctly identify and manage all components requiring the router to be unmanaged. **Local/Zoned AD Insert (ADI) Splicer**. 5620 SAM does not support AD Insert (ADI) Splicer. **WRED-Per-Queue**. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **5-Port 10G Ethernet XFP IMM**. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM). **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap)**. 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R8 through R9)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 18: 7750 SR 7.0 R7

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	[572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets.** 5620 SAM does not support ARP on DHCP response

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
through R8	limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path**

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **7750 SR-c12**. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R3 will not correctly identify and manage all components requiring the router to be unmanaged. **Local/Zoned AD Insert (ADI) Splicer**. 5620 SAM does not support AD Insert (ADI) Splicer. **WRED-Per-Queue**. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	services. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **5-Port 10G Ethernet XFP IMM**. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM). **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R7)
	display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 19: 7750 SR 7.0 R6

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282]

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	7750 SR-c12 PBB MAC Name Support. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **7750 SR-c12**. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R3 will not correctly identify and manage all components requiring the router to be unmanaged. **Local/Zoned AD Insert (ADI) Splicer**. 5620 SAM does not support AD Insert (ADI) Splicer. **WRED-Per-Queue**. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **5-Port 10G Ethernet XFP IMM**. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM). **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	(High Scale) MDA. **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R6)
	E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 20: 7750 SR 7.0 R5

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	OAM SAA IMCP Ping Forwaring Class. 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **7750 SR-c12 PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name for the 7750 SR-c12. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **7750 SR-c12**. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R3 will not correctly identify and manage all components requiring the router to be unmanaged. **Local/Zoned AD Insert (ADI) Splicer**. 5620 SAM does not support AD Insert (ADI) Splicer. **WRED-Per-Queue**. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **5-Port 10G Ethernet XFP IMM**. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM). **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R5)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 21: 7750 SR 7.0 R4

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R4)
	support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R4)
	Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R4)
	such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R4)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R4)
	Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MPLS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R4)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **7750 SR-c12**. 5620 SAM does not support the 7750 SR-c12 prior to 5620 SAM 7.0.R4. Discovery of the router using 5620 SAM 7.0.R1 through R3 will not correctly identify and manage all components requiring the router to be unmanaged. **Local/Zoned AD Insert (ADI) Splicer**. 5620 SAM does not support AD Insert (ADI) Splicer. **WRED-Per-Queue**. 5620 SAM does not support WRED-per-Queue which allows per-queue specific WRED capability on IOM3-XP and IMM cards. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **5-Port 10G Ethernet XFP IMM**. 5620 SAM does not support the 5-Port 10G Ethernet XFP Integrated Media Module (IMM). **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES and VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **MMRP IMPM Override**. 5620 SAM does not support MMRP override for Ingress Multicast Path Management. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R4)
	Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R4)
	SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 22: 7750 SR 7.0 R3

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R3)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R3)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R3)
	Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R3)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R3)
	ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R3)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 23: 7750 SR 7.0 R1 through R2

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R1 through R2)
through R8	limitations: **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R1 through R2)
	Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7750 SR 7.0 R1 through R2)
	Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

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Table 24: 7750 SR 6.1 R18 through R19

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088]

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282]

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	OAM SAA IMCP Ping Forwaring Class. 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	[572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	[572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R18 through R19)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override.** 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 25: 7750 SR 6.1 R17

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087]

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	Power Supply Type "Default". 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089]

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance,

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
through R5	**Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R17)
	and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 26: 7750 SR 6.1 R15 through R16

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
through R4	**System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable.** 5620 SAM does not support SSM Default Range

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R15 through R16)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 27: 7750 SR 6.1 R14

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
through R4	**Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	OAM SAA IMCP Ping Forwaring Class. 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	Management PPPoE Policies. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R14)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 28: 7750 SR 6.1 R13

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set”

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
through R5	limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	[572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R13)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 29: 7750 SR 6.1 R12

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	OAM SAA IMCP Ping Forwaring Class. 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	[559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R12)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 30: 7750 SR 6.1 R11

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	OAM SAA IMCP Ping Forwaring Class. 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
through R2	limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R11)
	(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 31: 7750 SR 6.1 R10

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R10)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 32: 7750 SR 6.1 R9

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R9)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 33: 7750 SR 6.1 R7 through R8

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R7 through R8)
	CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 34: 7750 SR 6.1 R6

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
through R8	limitations: **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	Active ISA Changed Trap for ISA IPSec Groups. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Active ISA Changed Trap for ISA IPSec Groups**. 5620 SAM does not support the Active ISA Changed trap (tmnxIPsecIsaGrpActiveIsaChgd) for ISA IPSec Groups. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R6)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 35: 7750 SR 6.1 R5

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
	the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
	the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
	and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
	XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
	synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R5)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 36: 7750 SR 6.1 R4

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R4)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MPLS/RSVP Local Node Maintenance Required Error.** 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels.** 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support.** 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay.** 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type.** 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification.** 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support.** 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer.** 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R4)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R4)
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R4)
	not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R4)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 37: 7750 SR 6.1 R3

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R3)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R3)
through R8	limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 38: 7750 SR 6.1 R1 through R2

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R1 through R2)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7750 SR 6.1 R1 through R2)
	Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

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Table 39: 7750 SR 6.0 R18 through R19

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch,

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
through R3	limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation.** 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason.** 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth.** 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage.** 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay.** 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement.** 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control.** 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length.** 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm.** 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region.** 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap.** 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth.** 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels.** 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay.** 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer.** 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type.** 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361]

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	BGP Purge Timer. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R18 through R19)
	MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 40: 7750 SR 6.0 R17

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	[559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch,

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361]

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
through R8	**IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R17)
	not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 41: 7750 SR 6.0 R16

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation.** 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason.** 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth.** 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage.** 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay.** 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement.** 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control.** 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length.** 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm.** 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure.** 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces.** 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm.** 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances.** 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region.** 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap.** 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R16)
	Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

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5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	BGP Purge Timer. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
5620 SAM 6.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP,

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R15)
	support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools).** 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group.** 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC.** 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges.** 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support.** 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support.** 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces.** 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile.** 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces.** 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer.** 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm.** 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override.** 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes.** 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs.** 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 43: 7750 SR 6.0 R14

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	[559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..
5620 SAM 6.1 R4	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
through R8	**PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	Application Assurance. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R14)
	Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 44: 7750 SR 6.0 R13

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP,

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	BGP Auto Discovery. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R13)
	MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 45: 7750 SR 6.0 R12

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R12)
	Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 46: 7750 SR 6.0 R11

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R11)
	not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 47: 7750 SR 6.0 R10

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	VLL CAC. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R10)
	profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 48: 7750 SR 6.0 R9

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	limitations: **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R9)
	support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools).** 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group.** 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC.** 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges.** 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support.** 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support.** 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces.** 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile.** 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces.** 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer.** 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm.** 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override.** 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes.** 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs.** 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 49: 7750 SR 6.0 R7 through R8

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
	BGP Purge Timer. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
	Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
	Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
	Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
	MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R7 through R8)
	VLL CAC. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 50: 7750 SR 6.0 R6

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
	the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
	Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
	subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R6)
	synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override.** 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes.** 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs.** 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 51: 7750 SR 6.0 R5

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
	the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
	Routed Subscriber Host. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
	subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R5)
	synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override.** 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes.** 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs.** 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 52: 7750 SR 6.0 R4

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set”

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R4)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R4)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R4)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R4)
	Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R4)
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Routed Subscriber Host**. 5620 SAM does not support Routed Subscriber Host. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R4)
	(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes.** 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs.** 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 53: 7750 SR 6.0 R3

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R3)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R3)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools).

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R3)
	Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC.

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R3)
	IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 54: 7750 SR 6.0 R2

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R2)
	invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R2)
	on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 55: 7750 SR 6.0 R1

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7750 SR 6.0 R1)
through R8	limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

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Table 56: 7750 SR 5.0 R23 through R25

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels. **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	(E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	MSDP Statistics Enhancements. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R23 through R25)
	support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.

Table 57: 7750 SR 5.0 R22

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R22)
	CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.

Table 58: 7750 SR 5.0 R21

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	ATM QoS Policy CLP Tagging. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R21)
	Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.

Table 59: 7750 SR 5.0 R16 through R20

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels. **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	SRRP Instance Master and Backup Traps. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R16 through R20)
	Account configuration. **MSDP Statistics Enhancements.** 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.

Table 60: 7750 SR 5.0 R15

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	statistics.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R15)
	Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.

Table 61: 7750 SR 5.0 R14

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
through R8	limitations: **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	Subscriber Authentication Policy User Name Format. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set”

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R14)
	subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.

Table 62: 7750 SR 5.0 R13

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R13)
	LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.

Table 63: 7750 SR 5.0 R12

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	Ingress VLAN Translation. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	Class-based Forwarding over RSVP LSPs. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	flow-label" (value -1) for CPM Filter IPv6 entries. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP).

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R12)
	DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.

Table 64: 7750 SR 5.0 R11

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	Inclusion/Suppression of DN bit for VPRN OSPF Instance. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R11)
	RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements.** 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.

Table 65: 7750 SR 5.0 R10

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy User Name Format**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R10)
	LAG Hold Up Timer. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.

Table 66: 7750 SR 5.0 R8 through R9

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
	MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
	ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
	GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
	policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
	Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
	Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R8 through R9)
	Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.

Table 67: 7750 SR 5.0 R5 through R7

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R5 through R7)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R5 through R7)
	OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R5 through R7)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R5 through R7)
through R4	limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R5 through R7)
	Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R5 through R7)
	specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R5 through R7)
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R5 through R7)
	Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.

Table 68: 7750 SR 5.0 R4

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R4)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R4)
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R4)
	test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R4)
	statistics.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R4)
	LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.

Table 69: 7750 SR 5.0 R3

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R3)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R3)
	RADIUS Template User Account. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.
5620 SAM 5.0 R2 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R3)
	Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration. **MSDP Statistics Enhancements**. 5620 SAM does not support collection of MSDP source address rejection statistics or peer received unknown and reserved message statistics.

Table 70: 7750 SR 5.0 R1 through R2

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R1 through R2)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). (DTS 59339) **Bundle Protection Groups.** 5620 SAM management of routers that have Bundle Protection Groups configured can result in router instability. This issue is resolved in 7750 Release 5.0 R3. **(PTS 518180) 7750 SR router upgrade to Release 5.0 R1 or R2.** A 7750 Router's configuration may be altered after upgrading from 7750 Release 3.0 or 4.0 to 7750 Release 5.0 R1 or R2 if TDM interfaces are installed. Before attempting to upgrade a 7750 to Release 5.0 R1 or R2 with TDM interfaces, Alcatel-Lucent support should be contacted. This issue is resolved in 7750 Release 5.0 R3.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). (DTS 59339) **Bundle Protection Groups.** 5620 SAM management of routers that have Bundle Protection Groups configured can result in router instability. This issue is resolved in 7750 Release 5.0 R3. **(PTS 518180) 7750 SR router upgrade to Release 5.0 R1 or R2.** A 7750 Router's configuration may be altered after upgrading from 7750 Release 3.0 or 4.0 to 7750 Release 5.0 R1 or R2 if TDM interfaces are installed. Before attempting to upgrade a 7750 to Release 5.0 R1 or R2 with TDM interfaces, Alcatel-Lucent support should be contacted. This issue is resolved in 7750 Release 5.0 R3.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). (DTS 59339) **Bundle Protection Groups.** 5620 SAM management of routers that have Bundle Protection Groups configured can result in router instability. This issue is resolved in 7750 Release 5.0 R3. **(PTS 518180) 7750 SR router upgrade to Release 5.0 R1 or R2.** A 7750 Router's configuration may be altered after upgrading from 7750 Release 3.0 or 4.0 to 7750 Release 5.0 R1 or R2 if TDM interfaces are installed. Before attempting to upgrade a

5620 SAM Release	Compatibility Statement (7750 SR 5.0 R1 through R2)
	7750 to Release 5.0 R1 or R2 with TDM interfaces, Alcatel-Lucent support should be contacted. This issue is resolved in 7750 Release 5.0 R3.
5620 SAM 5.0 R2 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). (DTS 59339) **Bundle Protection Groups.** 5620 SAM management of routers that have Bundle Protection Groups configured can result in router instability. This issue is resolved in 7750 Release 5.0 R3. **(PTS 518180) 7750 SR router upgrade to Release 5.0 R1 or R2.** A 7750 Router's configuration may be altered after upgrading from 7750 Release 3.0 or 4.0 to 7750 Release 5.0 R1 or R2 if TDM interfaces are installed. Before attempting to upgrade a 7750 to Release 5.0 R1 or R2 with TDM interfaces, Alcatel-Lucent support should be contacted. This issue is resolved in 7750 Release 5.0 R3.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). (DTS 59339) **Bundle Protection Groups.** 5620 SAM management of routers that have Bundle Protection Groups configured can result in router instability. This issue is resolved in 7750 Release 5.0 R3. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **(PTS 518180) 7750 SR router upgrade to Release 5.0 R1 or R2.** A 7750 Router's configuration may be altered after upgrading from 7750 Release 3.0 or 4.0 to 7750 Release 5.0 R1 or R2 if TDM interfaces are installed. Before attempting to upgrade a 7750 to Release 5.0 R1 or R2 with TDM interfaces, Alcatel-Lucent support should be contacted. This issue is resolved in 7750 Release 5.0 R3.

Alcatel-Lucent 7750 Service Router Release 4.0

Table 71: 7750 SR 4.0 R21

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R21)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R21)
	TACACS+ Template User Account. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R2 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R21)
	Profile. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R21)
	BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 4.0 R2 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 4.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R21)
	Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range. **(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode**. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update. **(PTS 504885) ACL IPv6 Filter Entry Creation.** 5620 SAM does not support creation of ACL IPv6 filter entries via the ACL IPv6 Filter Policy Manager. The ACL IPv6 filter entry can be created via the 5620 SAM Script Manager using the following example script: configure filter ipv6-filter $ipv6FilterNum$ entry $ipv6FilterEntryNum$ create Where $ipv6FilterNum$ is a variable representing the ACL IPv6 filter policy number, and $ipv6FilterEntryNum$ is a variable representing the ACL IPv6 filter entry number to be created. Modification of existing ACL IPv6 filter entries is fully supported. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **(PTS 505396) Dynamic Updates For Residential Subscribers.** Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.

Table 72: 7750 SR 4.0 R14 through R20

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R14 through R20)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value ‘0’ within a managed-vlan-list range.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking.

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R14 through R20)
	VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R2 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R14 through R20)
	and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 4.0 R2 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements.

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R14 through R20)
	High-Bandwidth IP Multicast MDA. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 4.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range. **(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode**. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update. **(PTS 504885) ACL IPv6 Filter Entry Creation.** 5620 SAM does not support creation of ACL IPv6 filter entries via the ACL IPv6 Filter Policy Manager. The ACL IPv6 filter

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R14 through R20)
	entry can be created via the 5620 SAM Script Manager using the following example script: configure filter ipv6-filter $ipv6FilterNum$ entry $ipv6FilterEntryNum$ create Where $ipv6FilterNum$ is a variable representing the ACL IPv6 filter policy number, and $ipv6FilterEntryNum$ is a variable representing the ACL IPv6 filter entry number to be created. Modification of existing ACL IPv6 filter entries is fully supported. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **(PTS 505396) Dynamic Updates For Residential Subscribers.** Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.

Table 73: 7750 SR 4.0 R7 through R13

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R7 through R13)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value ‘0’ within a managed-vlan-list range.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking.

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R7 through R13)
	VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R2 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R7 through R13)
	BGP Peer Tracking. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 4.0 R2 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 4.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration.

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R7 through R13)
	IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range. **(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode**. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update. **(PTS 504885) ACL IPv6 Filter Entry Creation.** 5620 SAM does not support creation of ACL IPv6 filter entries via the ACL IPv6 Filter Policy Manager. The ACL IPv6 filter entry can be created via the 5620 SAM Script Manager using the following example script: configure filter ipv6-filter $ipv6FilterNum$ entry $ipv6FilterEntryNum$ create Where $ipv6FilterNum$ is a variable representing the ACL IPv6 filter policy number, and $ipv6FilterEntryNum$ is a variable representing the ACL IPv6 filter entry number to be created. Modification of existing ACL IPv6 filter entries is fully supported. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **(PTS 505396) Dynamic Updates For Residential Subscribers.** Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.

Table 74: 7750 SR 4.0 R5 through R6

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R5 through R6)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R5 through R6)
	test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 4.0 R2 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 4.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R5 through R6)
	(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update. **(PTS 504885) ACL IPv6 Filter Entry Creation.** 5620 SAM does not support creation of ACL IPv6 filter entries via the ACL IPv6 Filter Policy Manager. The ACL IPv6 filter entry can be created via the 5620 SAM Script Manager using the following example script: configure filter ipv6-filter $ipv6FilterNum$ entry $ipv6FilterEntryNum$ create Where $ipv6FilterNum$ is a variable representing the ACL IPv6 filter policy number, and $ipv6FilterEntryNum$ is a variable representing the ACL IPv6 filter entry number to be created. Modification of existing ACL IPv6 filter entries is fully supported. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **(PTS 505396) Dynamic Updates For Residential Subscribers.** Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.

Table 75: 7750 SR 4.0 R4

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R4)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking.

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R4)
	VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 4.0 R2 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 4.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode**. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update. **(PTS 504885) ACL IPv6 Filter Entry Creation.** 5620 SAM does not support creation of ACL IPv6 filter entries via the ACL IPv6 Filter Policy Manager. The ACL IPv6 filter entry can be created via the 5620 SAM Script Manager using the following example script: configure filter ipv6-filter $ipv6FilterNum$ entry $ipv6FilterEntryNum$ create Where $ipv6FilterNum$ is a variable representing the ACL IPv6 filter policy number, and $ipv6FilterEntryNum$ is a variable representing the ACL IPv6 filter entry number to be created. Modification of existing ACL IPv6 filter entries is fully supported. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R4)
	(PTS 505396) Dynamic Updates For Residential Subscribers. Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.

Table 76: 7750 SR 4.0 R3

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R3)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 4.0 R2 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 4.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R3)
	OAM Test Octet Size Range Changes. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode**. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update. **(PTS 504885) ACL IPv6 Filter Entry Creation.** 5620 SAM does not support creation of ACL IPv6 filter entries via the ACL IPv6 Filter Policy Manager. The ACL IPv6 filter entry can be created via the 5620 SAM Script Manager using the following example script: configure filter ipv6-filter $ipv6FilterNum$ entry $ipv6FilterEntryNum$ create Where $ipv6FilterNum$ is a variable representing the ACL IPv6 filter policy number, and $ipv6FilterEntryNum$ is a variable representing the ACL IPv6 filter entry number to be created. Modification of existing ACL IPv6 filter entries is fully supported. **BGP Peer Tracking**. 5620 SAM does not support BGP Peer Tracking. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **(PTS 505396) Dynamic Updates For Residential Subscribers.** Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.

Table 77: 7750 SR 4.0 R1 through R2

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R1 through R2)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).
5620 SAM 4.0 R3 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).
5620 SAM 4.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **(PTS 505396) Dynamic Updates For Residential Subscribers.** Subscriber Management MIB improvements prevent 5620 SAM from properly handling changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.
5620 SAM 4.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).

5620 SAM Release	Compatibility Statement (7750 SR 4.0 R1 through R2)
	(PTS 504290) Statistics Collection For BGP Peers. 5620 SAM does not support collection of bgpPeerEntry statistics if any IPv6z BGP Peer addresses are configured. If addresses of this type are configured on the network element, collection for these objects must be turned off via the 5620 SAM Client by using the following procedure: Required Actions: Open *Administration -> Poller Policies* from the client GUI main menu and navigate to the *Stats MIB Policies* tab. Edit the default statistics policy and navigate to the *MIB Entry Policies* tab. Locate the entries within the table for the 4.0 version of MIB Entry Name *bgpPeerEntry*. Edit each entry within the table and set the *Administrative State* to down. **(PTS 500630) Static Routes With Un-numbered Interfaces**. 5620 SAM does not support the creation of static routes with an un-numbered interface as the next hop. **(PTS 500764) Modification of Dynamic Hosts for Subscriber Management.** 5620 SAM does not support the modification of SLA profiles and subscriber profiles for dynamic hosts.

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Table 78: 7750 SR 3.0 R19 through R20

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R19 through R20)
5620 SAM 6.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 5.0 R2 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R19 through R20)
	for spf-second-wait and spf-initial-wait.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R5 through R10	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R19 through R20)
	GigE Daughtercard Field Replacement. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **CPM-Queue Statistics**. SAM does not support CPM-Queue Statistics. **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration of APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493260) MPLS LSP Re-signal Timer**. 5620 SAM should not support the value

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R19 through R20)
	range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30…10080].
5620 SAM 3.0 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration of APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timers**. New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 493260) MPLS LSP Re-Signal Timer.** 5620 SAM should not support the values range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30..10080].
5620 SAM 3.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R19 through R20)
	and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration or APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not support BERT on channelized MDAs. **LAG on Access Q-in-Q Encapsulation.** 5620 SAM does not support the LAG on Access Q-in-Q feature. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timers**. New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 489277) Graceful Restart Behavior Change.** BGP cannot be enabled on VPRN.

Table 79: 7750 SR 3.0 R15 through R18

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R15 through R18)
5620 SAM 6.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R2 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R15 through R18)
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R5 through R10	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R15 through R18)
	Daughtercard Field Replacements. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **CPM-Queue Statistics**. SAM does not support CPM-Queue Statistics. **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration of APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493260) MPLS LSP Re-signal Timer**. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30…10080].
5620 SAM 3.0 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration of APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timers.** New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition,

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R15 through R18)
	5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 493260) MPLS LSP Re-Signal Timer.** 5620 SAM should not support the values range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30..10080].
5620 SAM 3.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration or APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not support BERT on channelized MDAs. **LAG on Access Q-in-Q Encapsulation.** 5620 SAM does not support the LAG on Access Q-in-Q feature. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timers**. New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 489277) Graceful Restart Behavior Change.** BGP cannot be enabled on VPRN.

Table 80: 7750 SR 3.0 R12 through R14

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R12 through R14)
5620 SAM 6.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R5 through R10	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R12 through R14)
	IES / VPRN Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **CPM-Queue Statistics**. SAM does not support CPM-Queue Statistics. **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration of APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493260) MPLS LSP Re-signal Timer**. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30…10080].
5620 SAM 3.0 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R12 through R14)
	and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration of APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timers**. New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 493260) MPLS LSP Re-Signal Timer.** 5620 SAM should not support the values range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30..10080].
5620 SAM 3.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration or APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not support BERT on channelized MDAs. **LAG on Access Q-in-Q Encapsulation.** 5620 SAM does not support the LAG on Access Q-in-Q feature. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R12 through R14)
	Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timers.** New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 489277) Graceful Restart Behavior Change.** BGP cannot be enabled on VPRN.

Table 81: 7750 SR 3.0 R11

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R11)
5620 SAM 6.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R5 through R10	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R11)
	arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **CPM-Queue Statistics**. SAM does not support CPM-Queue Statistics. **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration of APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493260) MPLS LSP Re-signal Timer**. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30…10080].
5620 SAM 3.0 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration of APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timers**. New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000].

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R11)
	Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 493260) MPLS LSP Re-Signal Timer.** 5620 SAM should not support the values range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30..10080].
5620 SAM 3.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration or APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not support BERT on channelized MDAs. **LAG on Access Q-in-Q Encapsulation.** 5620 SAM does not support the LAG on Access Q-in-Q feature. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timers**. New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 489277) Graceful Restart Behavior Change.** BGP cannot be enabled on VPRN.

Table 82: 7750 SR 3.0 R7 through R10

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R7 through R10)
5620 SAM 6.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R5 through R10	Network element supported as per 5620 SAM Release Description with the following limitations: **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R7 through R10)
	for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **CPM-Queue Statistics**. SAM does not support CPM-Queue Statistics. **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration of APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493260) MPLS LSP Re-signal Timer**. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30…10080].
5620 SAM 3.0 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration of APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timers**. New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 493260) MPLS LSP Re-Signal Timer.** 5620 SAM should not support the values range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30..10080].

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R7 through R10)
5620 SAM 3.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **CPM-Queue Statistics**. 5620 SAM does not support CPM-Queue Statistics. **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration or APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not support BERT on channelized MDAs. **LAG on Access Q-in-Q Encapsulation.** 5620 SAM does not support the LAG on Access Q-in-Q feature. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timers**. New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 489277) Graceful Restart Behavior Change.** BGP cannot be enabled on VPRN.

Table 83: 7750 SR 3.0 R5 through R6

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R5 through R6)
5620 SAM 6.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R5 through R10	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Configuration of Automatic Protection Switching.** 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R5 through R6)
	configuration of APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493260) MPLS LSP Re-signal Timer**. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30…10080].
5620 SAM 3.0 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration of APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timers**. New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 493260) MPLS LSP Re-Signal Timer.** 5620 SAM should not support the values range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30..10080].
5620 SAM 3.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration or APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not support BERT on channelized MDAs. **LAG on Access Q-in-Q Encapsulation.** 5620 SAM does not support the LAG on Access Q-in-Q feature. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R5 through R6)
	Filtering for BGP. **(PTS 495339) Support for Additional OSPF Timers.** New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 489277) Graceful Restart Behavior Change.** BGP cannot be enabled on VPRN.

Table 84: 7750 SR 3.0 R3 through R4

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R3 through R4)
5620 SAM 6.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 3.0 R5 through R10	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 3.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration of APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 3.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration or APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R3 through R4)
	channelized MDAs. **LAG on Access Q-in-Q Encapsulation.** 5620 SAM does not support the LAG on Access Q-in-Q feature. **BGP-4 Outbound Route Filtering.** 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 489277) Graceful Restart Behavior Change:** BGP cannot be enabled on VPRN. **(PTS 489144) MPLS LSP Re-signal Timer.** 5620 SAM supports the range [0, 30-10080] for MPLS re-signal timer. 5620 SAM does not support the values [1-29] whereas the node supports the complete value range of [0-10080] for this attribute.

Table 85: 7750 SR 3.0 R1 through R2

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R1 through R2)
5620 SAM 6.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP
5620 SAM 3.0 R5 through R10	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 3.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration or APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 3.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Configuration of Automatic Protection Switching.** 5620 SAM does not support the configuration or APS parameters. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on

5620 SAM Release	Compatibility Statement (7750 SR 3.0 R1 through R2)
	channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.

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Table 86: 7750 SR 2.1 R16 through R18

5620 SAM Release	Compatibility Statement (7750 SR 2.1 R16 through R18)
5620 SAM 5.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 2.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 2.1 R2 through R3	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 2.1 R16 through R18)
	(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 472961) Multicast MAC in static-arp.** 5620 SAM does not support configuration of multicast MAC addresses for static-arp entries.
5620 SAM 2.1 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **Service Mirroring.** 5620 SAM does not support the Service Mirroring feature. **VPLS MAC Move.** 5620 SAM does not support the MAC Move feature. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 472961) Multicast MAC in static-arp.** 5620 SAM does not support configuration of multicast MAC addresses for static-arp entries.

Table 87: 7750 SR 2.1 R5 through R15

5620 SAM Release	Compatibility Statement (7750 SR 2.1 R5 through R15)
5620 SAM 5.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 2.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 2.1 R2 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 472961) Multicast MAC in static-arp.** 5620 SAM does not support configuration of multicast MAC addresses for static-arp entries.
5620 SAM 2.1 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Service Mirroring.** 5620 SAM does not support the Service Mirroring feature. **VPLS MAC Move.** 5620 SAM does not support the MAC Move feature.

5620 SAM Release	Compatibility Statement (7750 SR 2.1 R5 through R15)
	BERT on Channelized MDAs. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering.** 5620 SAM does not support Outbound Route Filtering for BGP. **(PTS 472961) Multicast MAC in static-arp.** 5620 SAM does not support configuration of multicast MAC addresses for static-arp entries.

Table 88: 7750 SR 2.1 R4

5620 SAM Release	Compatibility Statement (7750 SR 2.1 R4)
5620 SAM 5.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 2.1 R2 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.
5620 SAM 2.1 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Service Mirroring.** 5620 SAM does not support the Service Mirroring feature. **VPLS MAC Move.** 5620 SAM does not support the MAC Move feature. **BERT on Channelized MDAs**. 5620 SAM does not display information about BERT on channelized MDAs. **BGP-4 Outbound Route Filtering**. 5620 SAM does not support Outbound Route Filtering for BGP.

Table 89: 7750 SR 2.1 R1 through R3

5620 SAM Release	Compatibility Statement (7750 SR 2.1 R4 through R3)
5620 SAM 5.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R2 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Service Mirroring.** 5620 SAM does not support the Service Mirroring feature. **VPLS MAC Move.** 5620 SAM does not support the MAC Move feature.

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Table 90: 7750 SR 2.0 R13 through R20 [3]

5620 SAM Release	Compatibility Statement (7750 SR 2.0 R13 through R20)
5620 SAM 4.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R6	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 481065) SR Enhancement to allow zero value for sdpAdminPathMtu**. 5620 SAM does not allow the user to configure a value of 0 for the SDP path-mtu.
5620 SAM 2.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Software Support for E3/E1 TDM channelization.** 5620 SAM does not support the E3/E1 TDM channelization feature. **(PTS 481065) SR Enhancement to allow zero value for sdpAdminPathMtu**. 5620 SAM does not allow the user to configure a value of 0 for the SDP path-mtu.

[3] The 7750 Service Router Release 2.0 R12 was never released to the field

Table 91: 7750 SR 2.0 R10 through R11

5620 SAM Release	Compatibility Statement (7750 SR 2.0 R10 through R11)
5620 SAM 4.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R5 through R6	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Software Support for E3/E1 TDM channelization.** 5620 SAM does not support the E3/E1 TDM channelization feature.

Table 92: 7750 SR 2.0 R2 through R9

5620 SAM Release	Compatibility Statement (7750 SR 2.0 R2 through R9)
5620 SAM 4.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R3 through R6	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7750 SR 2.0 R2 through R9)
	H-VPLS. 5620 SAM does not support the H-VPLS feature.
5620 SAM 2.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IS-IS Support.** 5620 SAM does not support management of the IS-IS protocol. **SONET/SDH Channels.** 5620 SAM does not support management of SONET/SDH channels. **Management of DS3/DS1/DS0 Groups**. 5620 SAM does not support creation, deletion or configuration of DS3, DS1, and DS0 groups.

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Alcatel-Lucent 7450 Ethernet Service Switch Release 9.0

Table 93: 7450 ESS 9.0 R3

5620 SAM Release	Compatibility Statement (7450 ESS 9.0 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **DHCP Filter Capability.** 5620 SAM does not support dhcp filters. [609989] **Credit Control IPv6 Filter.** 5620 SAM does not support new range of icmp-code and icmp-type. [609984] **Percentage Based BW in QoS policies.** 5620 SAM does not support Percentage Based Bandwidth in QoS Policies. [609976] **VID Filters.** 5620 SAM does not support VLAN in MAC filter inc. bitmask for ACL and QoS policies . [609969] **Multi-segment PW Routing.** 5620 SAM does not support Multi-Segment Pseudowire Routing (Dynamic MS-Pws). [609964] **Extentions to ATM/ETHERNET Last-mile Aware QoS for BNG**. 5620 SAM does not support Extentions to ATM/ETHERNET Last-mile Aware QoS for Broadband Network Gateway. [609997] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel

5620 SAM Release	Compatibility Statement (7450 ESS 9.0 R3)
	Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]

Table 94: 7450 ESS 9.0 R1 through R2

5620 SAM Release	Compatibility Statement (7450 ESS 9.0 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379

5620 SAM Release	Compatibility Statement (7450 ESS 9.0 R1 through R2)
	Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs

5620 SAM Release	Compatibility Statement (7450 ESS 9.0 R1 through R2)
	and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

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Table 95: 7450 ESS 8.0 R10[4]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP LCP Protocol Reject.** 5620 SAM does not support provisioning PPP policy to "reject-disabled-ncp" if ipv6 was not configured". [610833] **Credit Control IPv6 Filter.** 5620 SAM does not support new range of icmp-code and icmp-type. [610781] **CBS Pool Alarm Thresholds.** 5620 SAM does not support provisioning or monitoring of pool alarm thresholds for CBS. [610784] **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531]

[4] Note: 7450 ESS 8.0 R8 was never released to the field.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
	Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
	Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
	Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
	IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
	Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
	the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
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5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-

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	status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/ESS-12. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
	DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
	subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
	per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
	TDCM Dispersion Sweeping. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3 on 7450

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
	ESS-7/ESS-12. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
	label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LAC Tunnel Support for VPRN (L2TP).** 5620 SAM does not support LAC Tunnels for VPRN (L2TP). **LNS Over MPLS LNS.** 5620 SAM does not support LNS Over MPLS LNS. **L2TP Tunnel Switching with ESM.** 5620 SAM does not support L2TP Tunnel Switching with ESM. **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
	LI for LAC Sessions. 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change. **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
	indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R10)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 96: 7450 ESS 8.0 R9[5]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676]

[5] Note: 7450 ESS 8.0 R8 was never released to the field.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	TDCM Dispersion Sweeping. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	Hash-label Feature Support in Chassis Mode A/B. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	MPLS Exception Messages Rate Limiting for VPRN. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	(PTS 587339) IGMP Tunnel Interface Deployment Failure. 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/ESS-12. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	LSP Automatic Bandwidth Adjustment. 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/ESS-12. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LAC Tunnel Support for VPRN (L2TP).** 5620 SAM does not support LAC Tunnels for VPRN (L2TP). **LNS Over MPLS LNS.** 5620 SAM does not support LNS Over MPLS LNS. **L2TP Tunnel Switching with ESM.** 5620 SAM does not support L2TP Tunnel Switching with ESM. **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change. **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R9)
	MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 97: 7450 ESS 8.0 R7

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including “Lanes Not Blocked Locked”, “Alignment Marker Loss of Lock” and “Duplicate Lane Marker”. [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	Configurable Filter Lock for LI. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	occur upon attempted creation. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/ESS-12. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	Routed VPLS. 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	[605975] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **New 100 GigE PCS Report Alarms**. 5620 SAM does not support the new 100 GigE PCS report alarms including "Lanes Not Blocked Locked", "Alignment Marker Loss of Lock" and "Duplicate Lane Marker". [601636] **TDCM Dispersion Sweeping**. 5620 SAM does not support Dispersion Sweeping Start and End values for optical tunable dispersion compensation module (TDCM). [601637] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/ESS-12. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LAC Tunnel Support for VPRN (L2TP).** 5620 SAM does not support LAC Tunnels for VPRN (L2TP).

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	LNS Over MPLS LNS. 5620 SAM does not support LNS Over MPLS LNS. **L2TP Tunnel Switching with ESM.** 5620 SAM does not support L2TP Tunnel Switching with ESM. **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change. **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	Synchronous Ethernet with 10G Ethernet Port in WAN Mode. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R7)
	Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 98: 7450 ESS 8.0 R6

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
	Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R7	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
through R8	limitations: **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
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5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
	Tunnel Interface Description. 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
	MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 598309) Router Reboot Caused By Service Endpoint Creation**. Creation of a service endpoint using 5620 SAM will result in a router reboot. A fix for this issue will be available as of 5620 SAM 8.0 R6 or 7750/7450/7710 Release 8.0 R7. [598309] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
	hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
	PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
through R4	limitations: **(PTS 598309) Router Reboot Caused By Service Endpoint Creation**. Creation of a service endpoint using 5620 SAM will result in a router reboot. A fix for this issue will be available as of 5620 SAM 8.0 R6 or 7750/7450/7710 Release 8.0 R7. [598309] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
	256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/ESS-12. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
	for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
	VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
	MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 598309) Router Reboot Caused By Service Endpoint Creation**. Creation of a service endpoint using 5620 SAM will result in a router reboot. A fix for this issue will be available as of 5620 SAM 8.0 R6 or 7750/7450/7710 Release 8.0 R7. [598309] **Soft Reset Support for m1-10gb and m1-10gb-dwdm-tun**. 5620 SAM does not support soft reset for m1-10gb and m1-10gb-dwdm-tun MDAs. [598841]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
	IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **Additional Chassis Support for Cpipe VLL PW Switching**. 5620 SAM does not support cpipe VLL PW switching feature (vc-switching) for 7450 ESS-6, ESS-6v, ESS-1 and 7750 SR-1 chassis types. [598843] **Epipe Endpoint Standby-Signaling-Slave Support**. 5620 SAM does not support standby-signaling-slave for epipe service endpoints. [598845] **Epipe Spoke-SDP PW-Status-Signaling Support**. 5620 SAM does not support pw-status-signaling (label withdrawal) for epipe service spoke-SDPs. [598846] **Hash-label Feature Support in Chassis Mode A/B**. 5620 SAM does not support the hash-label feature in chassis mode A or B. [598847] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **Removal of Chassis Mode D Restriction for PBB MC-LAG**. 5620 SAM does not support lowered chassis mode restrictions for PBB with MC-LAG. [598849] **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/ESS-12. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
	Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces. 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support).

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
	SDP-Configurable Tunnel Destination Address. 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LAC Tunnel Support for VPRN (L2TP).** 5620 SAM does not support LAC Tunnels for VPRN (L2TP). **LNS Over MPLS LNS.** 5620 SAM does not support LNS Over MPLS LNS. **L2TP Tunnel Switching with ESM.** 5620 SAM does not support L2TP Tunnel Switching with ESM. **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
	without SLA-Profile change. **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
	tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R6)
	synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 99: 7450 ESS 8.0 R5

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	IPv6 Address /127 Netmask Support. 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	IP/GRE Tunnel Termination. 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/ESS-12. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	ESM IPv6 Local User Database (LUDB) for IPoE. 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **1-Port 100G and 12-Port 10G Ethernet IMMs.** 5620 SAM does not support the 1-Port 100G and 12-Port 10G Ethernet IMM Cards. **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **IP/GRE Tunnel Termination.** 5620 SAM does not support IP/GRE Tunnel Termination. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/ESS-12. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	G.8032 Ethernet Ring Protocol. 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LAC Tunnel Support for VPRN (L2TP).** 5620 SAM does not support LAC Tunnels for VPRN (L2TP). **LNS Over MPLS LNS.** 5620 SAM does not support LNS Over MPLS LNS. **L2TP Tunnel Switching with ESM.** 5620 SAM does not support L2TP Tunnel Switching with ESM. **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change. **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R5)
	LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 100: 7450 ESS 8.0 R4

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change.** A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack). **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change.** A

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack). **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change.** A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack). **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	OC-768/STM-256C DWDM IMM Card. 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/ESS-12. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	PBB Support for RFC 3107. 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587672] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change.** A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	configured (v4/v6 Dual-stack). **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **OC-768/STM-256C DWDM IMM Card.** 5620 SAM does not support the OC-768/STM-256C DWDM IMM Card. **BITS-OUT Support.** 5620 SAM does not support BITS-OUT support for SFM3 on 7450 ESS-7/ESS-12. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **G.8032 Ethernet Ring Protocol.** 5620 SAM does not support G.8032 ethernet ring automatic protection switching. **NAT Basic Port Forwarding.** 5620 SAM does not support NAT basic port forwarding. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **Routed VPLS.** 5620 SAM does not support Routed VPLS. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **Multi-homing for L3 Services.** 5620 SAM does not support multi-homing for L3 Services (BGP Anycast address support). **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **Hashing Enhancements for Consistent Per-Service Forwading .** 5620 SAM does not support hashing enhancements for conistent per-service forwarding. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **Subscriber Attribute Override of App-Profile Values .** 5620 SAM does not support subscriber attribute override of app-profile values. **IPipe Divert to AA.** 5620 SAM does not support IPipe divert to Application Assurance. **AA-ISA Large Session Congestion Mitigation.** 5620 SAM does not support AA-ISA Large Session Congestion Mitigation. **Enable ESMC on WAN Ports.** 5620 SAM does not support enabling ESMC for WAN ports. **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	RFC 4379 Timestamp for OAM/SAA. 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LAC Tunnel Support for VPRN (L2TP).** 5620 SAM does not support LAC Tunnels for VPRN (L2TP). **LNS Over MPLS LNS.** 5620 SAM does not support LNS Over MPLS LNS. **L2TP Tunnel Switching with ESM.** 5620 SAM does not support L2TP Tunnel Switching with ESM. **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change. **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R4)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 101: 7450 ESS 8.0 R3

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R3)
	ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R3)
	Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R3)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R3)
	per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R3)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587672] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch,

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R3)
	configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R3)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 102: 7450 ESS 8.0 R1 through R2

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R1 through R2)
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5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R1 through R2)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R1 through R2)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups.

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R1 through R2)
	LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R1 through R2)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume

5620 SAM Release	Compatibility Statement (7450 ESS 8.0 R1 through R2)
	Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Alcatel-Lucent 7450 Ethernet Service Switch Release 7.0

Table 103: ESS 7.0 R19

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not

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	support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	[587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	failure will occur. [587683] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	OAM LSP Ping 'Packet Size Too Big' Response Status. 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	TCP Authentication Null Key. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R19)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 104: 7450 ESS 7.0 R17 through R18

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
	Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
	In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-

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5620 SAM 8.0 R1	Network element supported as per 5620 SAM Release Description with the following

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through R2	limitations: **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]

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	(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
	Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
	metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
	OAM SAA IMCP Ping Forwaring Class. 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

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	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680]

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	Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
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5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support

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	the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE.** 5620 SAM does not support the configuration of ICMP VSE (Vendor specific

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
	extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
	metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E).

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
	LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
	1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R17 through R18)
	the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 105: 7450 ESS 7.0 R14 through R16

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	[576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay.** 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however,

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

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	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-

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	PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	IMPM Round Robin Inactive Records Path Redistribution. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	[576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	down-when-looped broadcast address for ethernet ports. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	Video ISA MDA. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R14 through R16)
	MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap)**. 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 106: 7450 ESS 7.0 R13

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop

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5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support

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5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]

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	Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	IOM Card Fail-On-Error. 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path**

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	ESM on VSM (CCAG Use Origin SAP). 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services. **Configurable CFM Thresholds.** 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing.** 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels.** 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key.** 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address.** 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **1-Port 10G DWDM Tunable MDA.** 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA.** 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **H-QOS Adjustments based on Video Viewership.** 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups.** 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA.** 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics.** 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.** 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **LDP over RSVP without Area-Boundary for IS-IS.** 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting.** 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap).** 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking.** 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets.** 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources.** 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region.** 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R13)
	the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 107: 7450 ESS 7.0 R12

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.

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	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	OAM LSP Ping 'Packet Size Too Big' Response Status. 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	[576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	down-when-looped broadcast address for ethernet ports. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	Client and Server for Video ISA. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R12)
	Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 108: 7450 ESS 7.0 R10 through R11

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change. Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	IOM Card Last Bootup Reason. 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **AA ESM Subscriber Accounting ESM Subscriber Statistics Behaviour Change.** Node Release 7.0R10 introduces a change in behavior affecting Application Assurance ESM Subscriber accounting statistics. This change may affect the integrity of Application Assurance ESM subscriber statistics in some situations. In previous releases, a dynamic subscriber removal (such as a modem release) would delete previous AA subscriber counter values for that accounting interval. In node release 7.0R10, AA statistics will preserve aa-sub record values when an ESM subscriber gets deleted or goes away. This improves record value accuracy for usage metering where subscriber renewal must not affect the metering values, however, the AA accounting record content solution depends on appropriate SAM statistics support for this enhancement. Non AA subscribers, non ESM AA subscribers and AA-sub-study (special study) records

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	are not affected by this change. [587678] **IOM Card Fail-On-Error.** 5620 SAM does not support fail-on-error for IOM Cards. [587680] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap)**. 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R10 through R11)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 109: 7450 ESS 7.0 R8 through R9

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	1-Port 10G HS (High Scale) MDA. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R8 through R9)
	the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 110: 7450 ESS 7.0 R7

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	ADI Server Statistics Enhancements. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	[576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	Video Group Per Channel Statistics For Duplicate SSRC. 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
through R3	limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Video Group Per Channel Statistics For Duplicate SSRC.** 5620 SAM does not support per channel statistics for duplicate synchronization source (SSRC). [576532] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	Video ISA MDA. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R7)
	MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap)**. 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 111: 7450 ESS 7.0 R6

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	Long Channel Descriptions. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R6)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 112: 7450 ESS 7.0 R5

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Multi-Service Integrated Services Adapter**. 5620 SAM does not support the Multi-Service Integrated Services Adapter (MS-ISA, MS-ISA-E). **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Synchronous Ethernet with 10G Ethernet Port in WAN Mode**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	support Synchronous Ethernet with WAN Mode on 10G Ethernet ports. [568280] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths. A maximum of 80 character descriptions are currently supported. **ADI Server Statistics Enhancements**. 5620 SAM does not support the AD Insert Statistics enhancements for tmnxVdoSGAdiMinPort, tmnxVdoSGAdiMaxPort and tmnxVdoSGAdiChlName. [568288] **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server. **RETransmission Client and Server**. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R5)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 113: 7450 ESS 7.0 R4

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R4)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R4)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R4)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R4)
	IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Video ISA MDA**. 5620 SAM does not support the Video ISA MDA. If a pre-SAM 7.0R4 release manages a 7750 or 7450 router with configured Video Groups containing ISA-Video group members, then invalid LAG entries will appear in SAM. The LAGs will incorrectly appear in the SAM Equipment tree with LAG IDs greater than 200. Furthermore, if the router has VPLS, IES or VPRN services that have configured video interfaces and associated video interface address(es), then invalid L2/L3 access interfaces and addresses will appear for these services. Attempting to modify or delete these LAGs, access interfaces or addresses via SAM will result in failed deployments. **Fast Channel Change Server**. 5620 SAM does not support the Fast Channel Change Server.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R4)
	RETransmission Client and Server. 5620 SAM does not support the Retransmission Client and Server for Video ISA. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **ESM on VSM (CCAG Use Origin SAP)**. 5620 SAM does not support ESM on VSM (CCAG Use Origin SAP) functionality for Group Interfaces on IES services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **PBB Access Dual Homing**. 5620 SAM does not support PBB Access Dual Homing. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R4)
	IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 114: 7450 ESS 7.0 R3

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R3)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R3)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R3)
	the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **1-Port 10G DWDM Tunable MDA**. 5620 SAM does not support the 1-Port 10G DWDM Tunable MDA. **1-Port 10G HS (High Scale) MDA**. 5620 SAM does not support the 1-Port 10G HS (High Scale) MDA. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R3)
	LDP over RSVP without Area-Boundary for IS-IS. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R3)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 115: 7450 ESS 7.0 R1 through R2

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R1 through R2)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R1 through R2)
	which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7450 ESS 7.0 R1 through R2)
	the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Alcatel-Lucent 7450 Ethernet Service Switch Release 6.1

Table 116: 7450 ESS 6.1 R18 through R19

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087]

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	Power Supply Type "Default". 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..
5620 SAM 7.0 R1	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
through R3	limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	Card PChip CAM Statistics and Trap. 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [596583] **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527]

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R18 through R19)
	Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 117: 7450 ESS 6.1 R17

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526]

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367]

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	(PTS 584368) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526]

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088]

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R17)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 118: 7450 ESS 6.1 R15 through R16

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526]

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	Ethernet Port Hold Timer. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
through R5	limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R15 through R16)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 119: 7450 ESS 6.1 R14

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
through R8	limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	[576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [576527] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths. **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R14)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 120: 7450 ESS 6.1 R13

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Card PChip CAM Statistics and Trap.** 5620 SAM does not support IOM, IMM and SF/CPM Card PChip content addressable memory (CAM) event statisitics and trap. [576526] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R13)
	5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 121: 7450 ESS 6.1 R12

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R12)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 122: 7450 ESS 6.1 R11

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
	such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
	the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
	Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
through R2	limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R11)
	Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 123: 7450 ESS 6.1 R9 through R10

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
	such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
	XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
	[559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES L3 Access Interfaces. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R9 through R10)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 124: 7450 ESS 6.1 R7 through R8

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R7 through R8)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R7 through R8)
	RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R7 through R8)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R7 through R8)
	Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R7 through R8)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R7 through R8)
	the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R7 through R8)
	P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 125: 7450 ESS 6.1 R6

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R6)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R6)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R6)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R6)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R6)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R6)
	the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R6)
	untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 126: 7450 ESS 6.1 R5

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R5)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R5)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R5)
	the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R5)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R5)
	such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R5)
	such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R5)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 127: 7450 ESS 6.1 R4

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R4)
	the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R4)
	such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R4)
	SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **MAF and CPM Filter MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) and CPM Filter MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R4)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 128: 7450 ESS 6.1 R3

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R3)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R3)
	the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 129: 7450 ESS 6.1 R1 through R2

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R1 through R2)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7450 ESS 6.1 R1 through R2)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

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Table 130: 7450 ESS 6.0 R18 through R19

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card ‘Last Bootup Reason’: powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R5	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	(PTS 592021) Obsoleted OAM Test History Tables Parameter. 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361]

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R18 through R19)
	Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools).** 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group.** 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC.** 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges.** 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support.** 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support.** 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces.** 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile.** 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces.** 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer.** 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm.** 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override.** 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change.** 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 131: 7450 ESS 6.0 R17

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch,

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD).

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	limitations: **IOM Card Last Bootup Reason.** 5620 SAM does not support the following new values for an IOM Card 'Last Bootup Reason': powerCycle, clearCard, activitySwitch, configChange, runtimeFail, bootFail, unexpected, issuTimeout, reinserted. [584359] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R17)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 132: 7450 ESS 6.0 R16

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	Blackhole Ingress Switch Fabric Multicast Path Type. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R16)
	Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools).** 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group.** 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC.** 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges.** 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support.** 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support.** 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces.** 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile.** 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces.** 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer.** 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm.** 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override.** 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change.** 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 133: 7450 ESS 6.0 R15

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD).

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R15)
	such as start and completion of a recover action after system startup.

Table 134: 7450 ESS 6.0 R13 through R14

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD).

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R13 through R14)
	support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 135: 7450 ESS 6.0 R12

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
5620 SAM 6.0 R3 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD).

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R12)
	(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 136: 7450 ESS 6.0 R11

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	the value "blackhole" for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP,

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R11)
	synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 137: 7450 ESS 6.0 R10

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
	deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
	Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
	synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
	(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
	synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
	Dynamic Port Buffer Allocation (Named Pools). 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group.** 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC.** 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges.** 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support.** 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support.** 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces.** 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile.** 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces.** 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer.** 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm.** 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override.** 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces.** 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm.** 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances.** 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
	daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R10)
	IP-MTU Support for IES Redundant Interfaces. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 138: 7450 ESS 6.0 R9

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R2 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
	the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
	IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
	Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
	Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
	such as start and completion of a recover action after system startup.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 544714) Unicast / Multicast Import Parameter Deployment failure for OSPFv2 Routing Instance Creation**. Upon creation of a OSPFv2 Routing Instance, a deployment failure will occur due to Unicast / Multicast Import parameters being incorrectly deployed to 7450 ESS. The OSPFv2 routing instance will be created but any parameters configured will need to be redeployed. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R9)
	MSTP Support for QinQ L2/L3 Interfaces. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 139: 7450 ESS 6.0 R7 through R8

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R7 through R8)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R7 through R8)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R7 through R8)
	the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R7 through R8)
	support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R7 through R8)
	support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R7 through R8)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 140: 7450 ESS 6.0 R5 through R6

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R5 through R6)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R5 through R6)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R5 through R6)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Blackhole Ingress Switch Fabric Multicast Path Type**. 5620 SAM does not support the value “blackhole” for Ingress Switch Fabric Multicast Path Type. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R5 through R6)
	L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R5 through R6)
	support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R5 through R6)
	Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 141: 7450 ESS 6.0 R4

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R4)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB).

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R4)
	L2PT Protocol Support. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R4)
	IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Application Assurance**. 5620 SAM does not support Application Assurance and the Application Assurance Integrated Services Adapter (AA-ISA). **BGP Auto Discovery**. 5620 SAM does not support BGP Auto Discovery (BGP AD). **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R4)
	Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 142: 7450 ESS 6.0 R3

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R3)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R3)
	Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Dynamic Port Buffer Allocation (Named Pools)**. 5620 SAM does not support Dynamic Port Buffer Allocation (Named Pools). **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R3)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 143: 7450 ESS 6.0 R2

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R2)
	invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 144: 7450 ESS 6.0 R1

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM

5620 SAM Release	Compatibility Statement (7450 ESS 6.0 R1)
	test octet size range values for MFIB ping (values 1-39). **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Alcatel-Lucent 7450 Ethernet Service Switch Release 5.0

Table 145: 7450 ESS 5.0 R23 through R25

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.1 R4	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
through R8	limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.0 R1 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R23 through R25)
	bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.

Table 146: 7450 ESS 5.0 R22

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.0 R1 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	Transmit XPL Data Error Rate Threshold. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R22)
	compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.

Table 147: 7450 ESS 5.0 R21

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
5620 SAM 8.0 R1 and above	Network element not supported.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.0 R1 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR).

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	Network Queue Policy CIR/PIR Adaptation Rules. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	(MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces and IES interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R21)
	Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.

Table 148: 7450 ESS 5.0 R16 through R20

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R16 through R20)
	Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.

Table 149: 7450 ESS 5.0 R15

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
	Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
	7450 ESS-6v Chassis. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
	(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
	Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
	bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
	Interface Delay Timers. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
	Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R15)
	Account configuration.

Table 150: 7450 ESS 5.0 R14

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
	MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
	Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
	GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
	Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
	test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
	Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **7450 ESS-6v Chassis**. 5620 SAM does not support the 7450 ESS-6v chassis. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
	the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R14)
	(MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.

Table 151: 7450 ESS 5.0 R13

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
	MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
	Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
	Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
	such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
	Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR).

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
	Multicast CAC Extended Support for LAGs. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
	MD5 Authentication of RSVP Interface. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R13)
	description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.

Table 152: 7450 ESS 5.0 R12

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
	MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
	Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
	Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
	such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
	Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
	MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
	MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R12)
	ports. **RADIUS Template User Account.** 5620 SAM does not support RADIUS Template User Account configuration.

Table 153: 7450 ESS 5.0 R10 through R11

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
	Ingress VLAN Swapping. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R3	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
through R4	limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
	Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
	Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
	OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R10 through R11)
	Unnumbered IP Interfaces on IES. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.

Table 154: 7450 ESS 5.0 R8 through R9

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R8 through R9)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R8 through R9)
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R8 through R9)
	VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R8 through R9)
	Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R8 through R9)
	Transport Tunnel Unstable Operating Flag. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R8 through R9)
	OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Ingress VLAN Translation**. 5620 SAM does not support Ingress VLAN Translation for VLL (E-PIPE) and VPLS on Dot1Q encapsulated L2 Interfaces and Service Tunnel bindings. **Ingress VLAN Swapping**. 5620 SAM does not support Ingress VLAN Swapping for VLL (E-PIPE) and VPLS on QinQ encapsulated L2 Interfaces and Service Tunnel bindings. **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R8 through R9)
	Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.

Table 155: 7450 ESS 5.0 R5 through R7

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R5 through R7)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R5 through R7)
	specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R5 through R7)
	MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R5 through R7)
	Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R5 through R7)
	ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace and cpe-ping. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R5 through R7)
	MCS Extension to Maintain MVR State. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.

Table 156: 7450 ESS 5.0 R4

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R4)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R4)
	(MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces.

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R4)
	Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **Port-based Egress Scheduling Policies**. 5620 SAM does not support Port-based Egress Scheduling Policies. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES**. 5620 SAM does not support Unnumbered IP Interfaces for IES services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **Multicast CAC Extended Support for LAGs**. 5620 SAM does not support Multicast CAC extended support for LAGs. **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R4)
	ports. **RADIUS Template User Account.** 5620 SAM does not support RADIUS Template User Account configuration.

Table 157: 7450 ESS 5.0 R3

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R3)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R3)
through R11	limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R3)
	OAM Test Octet Size Range Change. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces and IES interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.

Table 158: 7450 ESS 5.0 R1 through R2

5620 SAM Release	Compatibility Statement (7450 ESS 5.0 R1 through R2)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 5.0 R3 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 5.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **(PTS 518181) High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs.

Alcatel-Lucent 7450 Ethernet Service Switch Release 4.0

Table 159: 7450 ESS 4.0 R21

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R21)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration.

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R21)
	Route Policy Statement and Entry Preference. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R2 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R21)
	speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R21)
5620 SAM 4.0 R2 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value ‘0’ within a managed-vlan-list range.
5620 SAM 4.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R21)
	IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode**. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **(PTS 505396) Dynamic Updates For Residential Subscribers.** Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.

Table 160: 7450 ESS 4.0 R14 through R20

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R14 through R20)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R14 through R20)
	MVPLS Enhancements for Managed VLAN lists. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R2 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces.

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R14 through R20)
	VRRP Standby Forwarding. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 4.0 R2 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries.

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R14 through R20)
	IES Interface IP MTU. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 4.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode**. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **(PTS 505396) Dynamic Updates For Residential Subscribers.** Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.

Table 161: 7450 ESS 4.0 R7 through R13

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R7 through R13)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R7 through R13)
	services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R2 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R7 through R13)
	vlan-list range.
5620 SAM 4.0 R2 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 4.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **High-Bandwidth IP Multicast MDA**. 5620 SAM does not support high-bandwidth IP multicast configuration for MDAs. **TACACS+ Template User Account**. 5620 SAM does not support TACACS+ template user account configuration. **Route Policy Statement and Entry Preference**. 5620 SAM does not support configuration of the preference parameter for route policy statements or route policy entries. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode**. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R7 through R13)
	software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **(PTS 505396) Dynamic Updates For Residential Subscribers.** Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.

Table 162: 7450 ESS 4.0 R5 through R6

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R5 through R6)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R5 through R6)
	vlan-list range.
5620 SAM 4.0 R2 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.
5620 SAM 4.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode**. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **(PTS 505396) Dynamic Updates For Residential Subscribers.** Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information. **MVPLS Enhancements for Managed VLAN lists**. 5620 SAM does not support configuration of the default-sap parameter for managed-vlan-lists under M-VPLS services. In addition, 5620 SAM does not support the value '0' within a managed-vlan-list range.

Table 163: 7450 ESS 4.0 R4

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R4)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 4.0 R2 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R4)
5620 SAM 4.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode**. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding. **(PTS 505396) Dynamic Updates For Residential Subscribers.** Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.

Table 164: 7450 ESS 4.0 R3

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R3)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 4.0 R2 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.
5620 SAM 4.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **(PTS 505742) ISSU and "Configuration File Change" Synchronization Mode**. Performing an In-Service Software Update (ISSU) with Redundant Synchronization Mode set to "Configuration File Change" will not perform a CPM switchover after software download completes. The user must change the Redundant Synchronization Mode to "Boot Environment Change" in order to successfully complete an In-Service Software Update. **VRRP Standby Forwarding**. 5620 SAM does not support VRRP Standby Forwarding.

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R3)
	(PTS 505396) Dynamic Updates For Residential Subscribers. Subscriber Management MIB improvements prevent 5620 SAM from properly handing changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.

Table 165: 7450 ESS 4.0 R1 through R2

5620 SAM Release	Compatibility Statement (7450 ESS 4.0 R1 through R2)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 4.0 R3 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39).
5620 SAM 4.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **(PTS 505396) Dynamic Updates For Residential Subscribers.** Subscriber Management MIB improvements prevent 5620 SAM from properly handling changes to residential subscribers when initiated from the network element. Full resynchronization of the network element is required to capture current Residential Subscriber information.
5620 SAM 4.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Change**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39). **(PTS 500630) Static Routes With Un-numbered Interfaces**. 5620 SAM does not support the creation of static routes with un-numbered interfaces.

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Table 166: 7450 ESS 3.0 R19 through R20

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R19 through R20)
5620 SAM 6.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 5.0 R2 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R19 through R20)
	Daughtercard Field Replacements. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R5 through R10	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493260) MPLS LSP Re-signal Timer**. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30…10080].
5620 SAM 3.0 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces.

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R19 through R20)
	(PTS 504594) Accounting Policies. Accounting policies must be shut down before deletion. **(PTS 495339) Support for Additional OSPF Timers.** New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 493260) MPLS LSP Re-signal Timer**. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30…10080].
5620 SAM 3.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **LAG on Access Q-in-Q Encapsulation.** 5620 SAM does not support the LAG on Access Q-in-Q feature. **(PTS 495339) Support for Additional OSPF Timers.** New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.

Table 167: 7450 ESS 3.0 R15 through R18

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R15 through R18)
5620 SAM 6.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R2 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R5 through R10	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R15 through R18)
	Interfaces. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493260) MPLS LSP Re-signal Timer**. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30…10080].
5620 SAM 3.0 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **(PTS 495339) Support for Additional OSPF Timers.** New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 493260) MPLS LSP Re-signal Timer**. 5620 SAM should not support the value

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R15 through R18)
	range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30…10080].
5620 SAM 3.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **LAG on Access Q-in-Q Encapsulation.** 5620 SAM does not support the LAG on Access Q-in-Q feature. **(PTS 495339) Support for Additional OSPF Timers.** New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.

Table 168: 7450 ESS 3.0 R12 through R14

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R12 through R14)
5620 SAM 6.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R5 through R10	Network element supported as per 5620 SAM Release Description with the following limitations: **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R12 through R14)
	addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493260) MPLS LSP Re-signal Timer**. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30…10080].
5620 SAM 3.0 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **(PTS 495339) Support for Additional OSPF Timers**. New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 493260) MPLS LSP Re-signal Timer**. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30…10080].
5620 SAM 3.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IES Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES Interfaces. **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **LAG on Access Q-in-Q Encapsulation.** 5620 SAM does not support the LAG on Access Q-in-Q feature. **(PTS 495339) Support for Additional OSPF Timers**. New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.

Table 169: 7450 ESS 3.0 R11

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R11)
5620 SAM 6.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R5 through R10	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493260) MPLS LSP Re-signal Timer**. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30…10080].
5620 SAM 3.0 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion.

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R11)
	(PTS 495339) Support for Additional OSPF Timers. New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 493260) MPLS LSP Re-signal Timer**. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30…10080].
5620 SAM 3.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 504594) Accounting Policies**. Accounting policies must be shut down before deletion. **LAG on Access Q-in-Q Encapsulation.** 5620 SAM does not support the LAG on Access Q-in-Q feature. **(PTS 495339) Support for Additional OSPF Timers.** New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.

Table 170: 7450 ESS 3.0 R5 through R10

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R5 through R10)
5620 SAM 6.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R5 through R10	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait.
5620 SAM 3.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 495339) Support for Additional OSPF Timer Options.** New OSPF timers – lsa-arrival, lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493260) MPLS LSP Re-signal Timer**. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30…10080].
5620 SAM 3.0 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 495339) Support for Additional OSPF Timers**. New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. In addition, 5620 SAM does not allow the user to configure values greater than 60000 for spf-second-wait and spf-initial-wait. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R5 through R10)
	configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance. **(PTS 493260) MPLS LSP Re-signal Timer**. 5620 SAM should not support the value range [1-29] for MPLS re-signal timer. The valid range for this field is [0, 30…10080].
5620 SAM 3.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG on Access Q-in-Q Encapsulation.** 5620 SAM does not support the LAG on Access Q-in-Q feature. **(PTS 495339) Support for Additional OSPF Timers**. New OSPF timers – lsa-arrival and lsa-general and spf-max-wait – cannot be configured via 5620 SAM. **(PTS 493285) OSPF Timer Enhancements.** Limited support has been added within 5620 SAM for the new OSPF routing instance spf-wait command: spf-max-wait is not supported, spf-initial-wait is equivalent to spacing and spf-second-wait is equivalent to holdtime. For spf-second-wait and spf-initial-wait, 5620 SAM will only allow the user to configure a value between [0 .. 60000] – the valid range on the router is [1..100000]. Attempting to configure a value outside the 5620 SAM accepted range will prevent the user from altering other parameters of the OSPF routing instance.

Table 171: 7450 ESS 3.0 R3 through R4

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R3 through R4)
5620 SAM 6.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R3 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG on Access Q-in-Q Encapsulation.** 5620 SAM does not support the LAG on Access Q-in-Q feature. **(PTS 489144) MPLS LSP Re-signal Timer.** 5620 SAM supports the range [0, 30-10080] for MPLS re-signal timer. 5620 SAM does not support the values [1-29] whereas the node supports the complete value range of [0-10080] for this attribute.

Table 172: 7450 ESS 3.0 R1 through R2

5620 SAM Release	Compatibility Statement (7450 ESS 3.0 R1 through R2)
5620 SAM 6.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.

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Table 173: 7450 ESS 2.0 R10

5620 SAM Release	Compatibility Statement (7450 ESS 2.0 R10)
5620 SAM 5.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R5 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R1 through R4	Network element not supported: **(PTS 495704)** Discovery Management. 5620 SAM does not support management of this router version.
5620 SAM 2.1 R1 through R5	Network element not supported: **(PTS 495704)** Discovery Management. 5620 SAM does not support management of this router version.
5620 SAM 2.0 R5 through R6	Network element not supported: **(PTS 495704)** Discovery Management. 5620 SAM does not support management of this router version.

Table 174: 7450 ESS 2.0 R5 through R9

5620 SAM Release	Compatibility Statement (7450 ESS 2.0 R5 through R9)
5620 SAM 5.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R5 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **7450 2.0 Support.** 5620 SAM will discover and reconcile 7450 ESS 2.0 hardware but only 7450 ESS 1.0 level functionality can exist or be configured on the network element.

Table 175: 7450 ESS 2.0 R4 [2]

5620 SAM Release	Compatibility Statement (7450 ESS 2.0 R4)
5620 SAM 5.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R5 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **7450 2.0 Support.** 5620 SAM will discover and reconcile 7450 ESS 2.0 hardware but only 7450 ESS 1.0 level functionality can exist or be configured on the network element.

[6] Note: The 7450 Ethernet Service Switch Release 2.0 R3 was never released to the field

Table 176: 7450 ESS 2.0 R2

5620 SAM Release	Compatibility Statement (7450 ESS 2.0 R2)
5620 SAM 5.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R5 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **7450 2.0 Support.** 5620 SAM will discover and reconcile 7450 ESS 2.0 hardware but only 7450 ESS 1.0 level functionality can exist or be configured on the network element.

Table 177: 7450 ESS 2.0 R1

5620 SAM Release	Compatibility Statement (7450 ESS 2.0 R1)
5620 SAM 5.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: (Router Enhancement) **VPLS Split Horizon Groups**. 5620 SAM does not resynchronize VPLS split horizon group information. The service can be provisioned using 5620 SAM, but the information will not be resynchronized.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description with the following limitations: (Router Enhancement) **VPLS Split Horizon Groups**. 5620 SAM does not resynchronize VPLS split horizon group information. The service can be provisioned using 5620 SAM, but the information will not be resynchronized.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: (Router Enhancement) **VPLS Split Horizon Groups**. 5620 SAM does not resynchronize VPLS split horizon group information. The service can be provisioned using 5620 SAM, but the information will not be resynchronized.
5620 SAM 2.0 R5 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **7450 2.0 Support.** 5620 SAM will discover and reconcile 7450 ESS 2.0 hardware but only 7450 ESS 1.0 level functionality can exist or be configured on the network element.

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Table 178: 7450 ESS 1.0 R1 through R6

5620 SAM Release	Compatibility Statement (7450 ESS 1.0 R1 through R6)
5620 SAM 4.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 3.0 R1 through R10	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description.
5620 SAM 2.0 R5 through R6	Network element supported as per 5620 SAM Release Description.

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Table 179: 7710 SR 9.0 R3

5620 SAM Release	Compatibility Statement (7710 SR 9.0 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **DHCP Filter Capability.** 5620 SAM does not support dhcp filters. [609989] **Credit Control IPv6 Filter.** 5620 SAM does not support new range of icmp-code and icmp-type. [609984] **Percentage Based BW in QoS policies.** 5620 SAM does not support Percentage Based Bandwidth in QoS Policies. [609976] **VID Filters.** 5620 SAM does not support VLAN in MAC filter inc. bitmask for ACL and QoS policies . [609969] **Multi-segment PW Routing.** 5620 SAM does not support Multi-Segment Pseudowire Routing (Dynamic MS-Pws). [609964] **Extentions to ATM/ETHERNET Last-mile Aware QoS for BNG**. 5620 SAM does not support Extentions to ATM/ETHERNET Last-mile Aware QoS for Broadband Network Gateway. [609997] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel

5620 SAM Release	Compatibility Statement (7710 SR 9.0 R3)
	Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]

Table 180: 7710 SR 9.0 R1 through R2

5620 SAM Release	Compatibility Statement (7710 SR 9.0 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS

5620 SAM Release	Compatibility Statement (7710 SR 9.0 R1 through R2)
	switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does

5620 SAM Release	Compatibility Statement (7710 SR 9.0 R1 through R2)
	not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7710 SR 9.0 R1 through R2)
	such as start and completion of a recover action after system startup.

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Table 181: 7710 SR 8.0 R10[7]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP LCP Protocol Reject.** 5620 SAM does not support provisioning PPP policy to "reject-disabled-ncp" if ipv6 was not configured". [610833] **Credit Control IPv6 Filter.** 5620 SAM does not support new range of icmp-code and icmp-type. [610781] **CBS Pool Alarm Thresholds.** 5620 SAM does not support provisioning or monitoring of pool alarm thresholds for CBS. [610784] **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS

[7] Note: 7710 SR 8.0 R8 was never released to the field.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	switchover for multilink bundles. [580518] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	[581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	IS-IS Timer Enhancements. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	VPLS L2 Access Interface Ring-Node Support. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	QinQ Untagged Frames ".0". 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services).

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	LDP FEC to BGP Label Route Stitching. 5620 SAM does not support LDP FEC to BGP label route stitching. **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	fallback over ATM. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change. **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R10)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 182: 7710 SR 8.0 R9[8]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS

[8] Note: 7710 SR 8.0 R8 was never released to the field.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	Additional DNS Ping Error Results. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	Multicast over PPPoE Sessions. 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [607054] **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	response. [607056] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [607059] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	LI Activation Enhancements. 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change. **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R9)
	the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 183: 7710 SR 8.0 R7

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	VPN Leaked Route Counts. 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
5620 SAM 8.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	DIAMETER Credit Control On-line Charging. 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Confederation/Confederation Member with the same AS number.** 5620 SAM does not support creation of the Confederation and Confederation Member with same Autonomous System number on a SR node running software release 8.0, R7 or later. [605975] **Configurable Filter Lock for LI**. 5620 SAM does not support configurable filter lock for Lawful Intercept (LI). [601635] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	IPv6 Support on IPipe. 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	Queue Parent Weight Override. 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change. **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	IGMP Tunnel Interface Administrative State. 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R7)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 184: 7710 SR 8.0 R6

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	GARP for Outer VLAN Access Interfaces. 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 598309) Router Reboot Caused By Service Endpoint Creation**. Creation of a service endpoint using 5620 SAM will result in a router reboot. A fix for this issue will be available as of 5620 SAM 8.0 R6 or 7750/7450/7710 Release 8.0 R7. [598309] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 598309) Router Reboot Caused By Service Endpoint Creation**. Creation of a service endpoint using 5620 SAM will result in a router reboot. A fix for this issue will be available as of 5620 SAM 8.0 R6 or 7750/7450/7710 Release 8.0 R7. [598309] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	SC-APS Support for MLPPP on Network Ports. 5620 SAM does not support MLPPP on Network Ports for SC-APS. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	Multicast Over LDP P2MP LSP. 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	[581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 598309) Router Reboot Caused By Service Endpoint Creation**. Creation of a service endpoint using 5620 SAM will result in a router reboot. A fix for this issue will be available as of 5620 SAM 8.0 R6 or 7750/7450/7710 Release 8.0 R7. [598309] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [598840] **VPLS L2 Access Interface Ring-Node Support**. 5620 SAM does not support ring-node for VPLS Service L2 Access Interfaces. [598848] **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	that previously only supported bi-directional switching mode APS. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change. **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R6)
	IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 185: 7710 SR 8.0 R5

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531]

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0)

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	label route stitching. **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups

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	and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).

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	MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IPv6 Support on IPipe.** 5620 SAM does not support IPv6 for IPipes. **RSVP-TE P2MP I-PMSI.** 5620 SAM does not support RSVP-TE P2MP I-PMSI. **SC-APS Support for MLPPP on Network Ports.** 5620 SAM does not support MLPPP on Network Ports for SC-APS. **Ethernet CFM Frame Rate Limiting.** 5620 SAM does not support Ethernet CFM Frame Rate Limiting. **IPv6 Address /127 Netmask Support.** 5620 SAM does not support /127 netmasks for IPv6 addresses. **QinQ Untagged Frames ".0".** 5620 SAM does not support QinQ Untagged Frames (.0) for L2 and L3 Access Interfaces. **GARP for Outer VLAN Access Interfaces.** 5620 SAM does not GARP after SRRP switchover on outer VLAN Access Interfaces. [576161] **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	802.1ag MA Association Naming for Y1731 Eth-OAM MEGs. 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	OAM SAA IMCP Ping Forwaring Class. 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R5)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 186: 7710 SR 8.0 R4

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change.** A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack). **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change.** A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack). **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change.** A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack). **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	that previously only supported bi-directional switching mode APS. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time. **CoA-Only RADIUS Server.** 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	LAG LACP System-ID Configuration. 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592549) IPv6 Standalone PPP-SLAAC or PPP-DHCP6 Mid-Session Change.** A mid-session change on an IPv6 PPP-SLAAC or PPP-DHCP6 ESM subscriber host will result in a deployment failure if the host does not also have IPv4 addressing configured (v4/v6 Dual-stack). **(PTS 587339) IGMP Tunnel Interface Deployment Failure.** 5620 SAM does not support creation of IGMP Tunnel Interfaces of type RSVP. A deployment failure will occur upon attempted creation. **Full SSM/ESMC Support.** 5620 SAM does not support full SSM/ESMC capability for clock source quality level received via SSM of SDH/SONET/BITS ports or ESMC of

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	synchronous Ethernet ports for system timing reference selection. **Uni-Directional APS Service Parity for SONET/SDH Channelized and Non-Channelized Interfaces.** 5620 SAM does not support uni-directional APS service parity for SONET/SDH channelized and non-channelized interfaces for MDAs/CMAs that previously only supported bi-directional switching mode APS. **DIAMETER Credit Control On-line Charging.** 5620 SAM does not support on-line charging wuth DIAMETER Credit Control. **Multicast over PPPoE Sessions.** 5620 SAM does not support multicast of PPPoE sessions. **Remove/Add/Modify Domain Names in RADIUS Authentication.** 5620 SAM does not support add/remove/replace for strings used as domain names in PAP/CHAP authentication. **Multiple RADIUS Authentication Based On Domain Name.** 5620 SAM does not support multiple RADIUS Authentication based on Domain Name (Pre-Authentication in LUDB). **IPoE User Name Option 61/60.** 5620 SAM does not support RADIUS User Name Format: DHCP Option 61/60. **ESM IPv6 Local User Database (LUDB) for IPoE.** 5620 SAM does not support ESM IPv6 Local User Database (LUDB) for IPoE. **ATM Aware QoS for Broadband Network Gateway.** 5620 SAM does not support ATM/ethernet last-mile aware QoS for broadband network gateway. **Queue Parent Weight Override.** 5620 SAM does not support queue parent weight override. **QoS Burst Management.** 5620 SAM does not support QoS Burst Management. **Multicast Over LDP P2MP LSP.** 5620 SAM does not support multicast over LDP P2MP LSP. **LSP Automatic Bandwidth Adjustment.** 5620 SAM does not support LSP Automatic Bandwidth Adjustment. **PBB Support for RFC 3107.** 5620 SAM does not support PBB for RFC 3107 (BGP LSP for PBB-VPLS Services). **LDP FEC to BGP Label Route Stitching.** 5620 SAM does not support LDP FEC to BGP label route stitching. **SDP-Configurable Tunnel Destination Address.** 5620 SAM does not support SDP-configurable tunnel destination address. **HSDPA Offload Fallback Over ATM .** 5620 SAM does not support HSDPA offload fallback over ATM. **RADIUS Authentication Policy Down Time.** 5620 SAM does not support RADIUS authentication policy down time.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	CoA-Only RADIUS Server. 5620 SAM does not support CoA-only RADIUS server. **TACACS+ 128-Character Secret Key.** 5620 SAM does not support 128 characters for the TACACS+ secret key. **LAG LACP System-ID Configuration.** 5620 SAM does not support configuration of the LACP System-ID for LAGs. **BGP Prefix Limit Threshold Percentage and Log-only.** 5620 SAM does not support configuration threshold limit percentage and log-only parameters for BGP peers. **IS-IS Default IPv4 and IPv6 Metric Values.** 5620 SAM does not support IPv4 and IPv6 default metrics for IS-IS interfaces. **RFC 4379 Timestamp for OAM/SAA.** 5620 SAM does not support RFC 4379 Timestamps for OAM. [582495] **LI Activation Enhancements.** 5620 SAM does not support LI Activation Enhancements. **LI for LAC Sessions.** 5620 SAM does not support LI for LAC Sessions. **SLA Override without SLA-Profile Change.** 5620 SAM does not support SLA override without SLA-Profile change. **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R4)
	ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 187: 7710 SR 8.0 R3

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R3)
	LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R3)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R3)
	PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R3)
	and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **802.1ag MA Association Naming for Y1731 Eth-OAM MEGs.** 5620 SAM does not support 802.1ag MA Association name formats of type integer, string, vid, vpn-id for Y1731 Eth-OAM MEGs. [587671] **IGMP Tunnel Interface Administrative State.** 5620 SAM does not support administrative state for IGMP Tunnel Interfaces. [587673] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [587675] **VPN Leaked Route Counts.** 5620 SAM does not support VPN Leaked Route Counts. [587676] **Tunnel Interface Description.** 5620 SAM does not support description for Tunnel Interfaces. [587677] **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R3)
	'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R3)
	Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R3)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 188: 7710 SR 8.0 R1 through R2

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R1 through R2)
	not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R1 through R2)
	such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R1 through R2)
	packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R1 through R2)
through R4	limitations: **Uni-directional APS Support.** 5620 SAM does not support Uni-directional APS. [581463] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R1 through R2)
	Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 8.0 R1 through R2)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Alcatel-Lucent 7710 Service Router Release 7.0

Table 189: 7710 SR 7.0 R19

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	[572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	Ethernet Queue Groups. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	[588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Additional DNS Ping Error Results**. 5620 SAM does not support the additional DNS Ping error results of FORMERR, SERVFAIL, NOTIMP, REFUSED and unexpected response. [608922] **MPLS Exception Messages Rate Limiting for VPRN**. 5620 SAM does not support global rate limiting of MPLS exception messagesfor VPRN Services. [608929] **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	PBB MAC Name Support. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **1-Port GigE CMA-XP**. 5620 SAM does not support the 1-Port GigE CMA-XP. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R19)
	DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 190: 7710 SR 7.0 R17 through R18

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	OAM LSP Ping 'Packet Size Too Big' Response Status. 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	[572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
through R8	**IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	[572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	Telnet/SSH TTL Security Check. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria).

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	MLPS / RSVP (Fast Retry Timer). 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IS-IS Timer Enhancements**. 5620 SAM does not support the increased range values of [1..9] for SPF Second Wait under an IS-IS Routing Instance. [603707] **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **1-Port GigE CMA-XP**. 5620 SAM does not support the 1-Port GigE CMA-XP. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	G.8031 Protected Ethernet Tunnels. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap)**. 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R17 through R18)
	IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 191: 7710 SR 7.0 R14 through R16

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	MPLS Static LSP Fast Retry Timer. 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	System Memory Usage Statistics in Kilobytes. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	Power Supply Type "Default". 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type “Default”**. 5620 SAM does not support the “default” type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	Custom Buffer Management for ATM MDA Ports. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **IMPM Round Robin Inactive Records Path Redistribution**. 5620 SAM does not support Round Robin Inactive Records path redistribution for Ingress Multicast Path Management. [597216] **Telnet/SSH TTL Security Check**. 5620 SAM does not support TTL Security check for

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	Telnet and SSH. [597217] **System Memory Usage Statistics in Kilobytes**. 5620 SAM does not support kilobyte measured values of system memory usage/allocation/available. [597218] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **1-Port GigE CMA-XP**. 5620 SAM does not support the 1-Port GigE CMA-XP. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	LAG Support for HS-MDA. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R14 through R16)
	untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 192: 7710 SR 7.0 R13

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	Static Route LDP Synchronization. 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type “Default”**. 5620 SAM does not support the “default” type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping ‘Packet Size Too Big’ Response Status.** 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	New PVST Modes for BPDU Translation. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	(PTS 588751) ESM Local User Database. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	PIM Instant Prune Echo. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type “Default”**. 5620 SAM does not support the “default” type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping ‘Packet Size Too Big’ Response Status.** 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	BGP Remove Private Limited. 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593083] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593086] **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	1-Port GigE CMA-XP. 5620 SAM does not support the 1-Port GigE CMA-XP. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	IGMP Host-Tracking. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R13)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 193: 7710 SR 7.0 R12

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 588751) ESM Local User Database**. 5620 SAM does not support Local User Database for Enhanced Subscriber Management (Residential Subscriber). This issue should be resolved as of the 7750 / 7450 / 7710 7.0.R13 maintenance release. [588751] **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	OAM SAA IMCP Ping Forwaring Class. 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **1-Port GigE CMA-XP**. 5620 SAM does not support the 1-Port GigE CMA-XP. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R12)
	and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 194: 7710 SR 7.0 R10 through R11

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM LSP Ping ‘Packet Size Too Big’ Response Status.** 5620 SAM does not support the “Packet Size Too Big” reponse status for OAM LSP Ping Tests. [587682] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes ‘auto-rw’ and ‘pvst-rw’ BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the ‘limited’ option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	LDP Shortcut TTL Propagation Disabling. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM LSP Ping 'Packet Size Too Big' Response Status.** 5620 SAM does not support the "Packet Size Too Big" reponse status for OAM LSP Ping Tests. [587682] **(PTS 587683) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [587683] **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **1-Port GigE CMA-XP**. 5620 SAM does not support the 1-Port GigE CMA-XP. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R10 through R11)
	Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 195: 7710 SR 7.0 R8 through R9

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	BGP-AD for LDP-based VPLS Cisco Interop. 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **APS Multilink Bundle Stateless Switchover**. 5620 SAM does not support stateless APS switchover for multilink bundles. [580518] **New PVST Modes for BPDU Translation**. 5620 SAM does not support new PVST modes 'auto-rw' and 'pvst-rw' BPDU Translation for VPLS service L2 Access Interfaces and Spoke-SDPs. [580519] **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports.** 5620 SAM does not support custom

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **1-Port GigE CMA-XP**. 5620 SAM does not support the 1-Port GigE CMA-XP. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	Multicast VPN Evolution with BGP Control Plane. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R8 through R9)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 196: 7710 SR 7.0 R7

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	Policies for Subscriber Management. **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	OAM SAA IMCP Ping Forwaring Class. 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	ARP on DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **BGP Remove Private Limited.** 5620 SAM does not support the 'limited' option for the remove-private parameter on the Base and VPRN BGP routing instances, groups and neighbors. [576529] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [576531] **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address. 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **1-Port GigE CMA-XP**. 5620 SAM does not support the 1-Port GigE CMA-XP. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R7)
	which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 197: 7710 SR 7.0 R6

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	Multicast Info Policies Support. 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	SHCV Timeout and Retries. 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547]

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	ICMP-VSE. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	[572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **BGP-AD for LDP-based VPLS Cisco Interop.** 5620 SAM does not support Cisco Interop on BGP Neighbors and LDP Peers for use in BGP-AD for LDP-based VPLS. [572543] **SHCV Timeout and Retries.** 5620 SAM does not support Subscriber Host Connectivity Verification (SHCV) Timeout and Retry configuration for VPLS service sites and L2 Access Interfaces, and IES / VPRN L3 Access Interfaces and Group Interfaces. [572544] **MPLS Static LSP Fast Retry Timer.** 5620 SAM does not support Fast Retry Timer for Static LSPs. [572545] **Static Route LDP Synchronization.** 5620 SAM does not support LDP Synchronization

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	for Static Routes. [572547] **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **1-Port GigE CMA-XP**. 5620 SAM does not support the 1-Port GigE CMA-XP. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap)**. 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R6)
	support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 198: 7710 SR 7.0 R5

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	Routing Policy Statement Entry (from Criteria). 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	tmnxSyncFailureReason. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer).

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received). 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Shortcut TTL Propagation Disabling**. 5620 SAM does not support the option for disabling TTL propagation for transit packets in an LDP shortcut. **Custom Buffer Management for ATM MDA Ports**. 5620 SAM does not support custom buffer management for ATM MDA ports which allows for configuration of the buffer pool size and queue backpressure threshold on ATM ports. **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **PIM Instant Prune Echo**. 5620 SAM does not support PIM Instant Prune Echo for router and VPRN PIM Interfaces. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **PBB MAC Name Support**. 5620 SAM does not support PBB MAC Name. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **Long Channel Descriptions**. 5620 SAM does not support long descriptions (160 characters) for SONET/SDH Paths, TDM DS3, E3 and DS1 Channel Groups. A maximum of 80 character descriptions are currently supported. **1-Port GigE CMA-XP**. 5620 SAM does not support the 1-Port GigE CMA-XP. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	LDP FEC Statistics. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap)**. 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R5)
	CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 199: 7710 SR 7.0 R4

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
	DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of “no-tag” on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
	Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
	DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG’s for HS-MDA’s LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
	Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
	synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **1-Port GigE CMA-XP**. 5620 SAM does not support the 1-Port GigE CMA-XP. **LSR IP Load Balancing**. 5620 SAM does not support LSR IP load balancing. **SLA-Profile Based Egress Remarking**. 5620 SAM does not support 'Egress QoS marking from SAP' for Subscriber Management SLA-Profiles. **eiBGP Load Balancing**. 5620 SAM does not support eiBGP load balancing for VPRN services. **Configurable CFM Thresholds**. 5620 SAM does not support configurable Ethernet CFM Eth-Test and One-Way-Delay thresholds. **G.8031 Protected Ethernet Tunnels**. 5620 SAM does not support G.8031 Protected Ethernet Tunnels. **TCP Authentication Null Key**. 5620 SAM does not support null keys for TCP authentication keychains. **Ethernet Port Down-When-Looped Broadcast Address**. 5620 SAM does not support down-when-looped broadcast address for ethernet ports. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
	Time and Volume Based Accounting. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap**). 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R4)
	IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 200: 7710 SR 7.0 R3

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R3)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R3)
	Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R3)
	Multicast over RSVP, P2MP, and LSP. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R3)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **H-QOS Adjustments based on Video Viewership**. 5620 SAM does not support H-QOS Adjustments based on Video Viewership. **Ethernet Queue Groups**. 5620 SAM does not support Ethernet Queue Groups. **LAG Support for HS-MDA**. 5620 SAM does not support LAG's for HS-MDA ports. **LDP FEC Statistics**. 5620 SAM does not support LAG's for HS-MDA's LDP FEC Statistics. **Multicast over RSVP, P2MP, and LSP**. 5620 SAM does not support Multicast over RSVP, P2MP, and LSP. **LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP**. 5620 SAM does not support LSP-PING and LSP-TRACE for P2MP, RSVP, and LSP. **IPv6 PIM ASM**. 5620 SAM does not support IPv6 PIM ASM. **Multicast VPN Evolution with BGP Control Plane**. 5620 SAM does not support Multicast VPN Evolution with BGP Control Plane. **LDP over RSVP without Area-Boundary for IS-IS**. 5620 SAM does not support LDP over RSVP without Area-Boundary for IS-IS. **Time and Volume Based Accounting**. 5620 SAM does not support Time and Volume Based Accounting. **Routing Policy Statement Entry (from Criteria).** 5620 SAM does not support a value of "no-tag" on the Routing Policy Statement Entry (from Criteria). **MLPS / RSVP (Fast Retry Timer).** 5620 SAM does not support MLPS / RSVP (Fast Retry Timer). **OAM (Dying Gasp trap)**. 5620 SAM does not support "Dying gasp Trap" for OAM. **MVPN BGP Trap (Inconsistent Auto-Discovery Route is Received).** 5620 SAM does not support 'vRtrPimNgInvalidMdtDefJoin' trap notifications on MVPN BGP. **IGMP Host-Tracking**. 5620 SAM does not support IGMP Host Tracking on IES and VPRN services, including subscriber interfaces. It is also not supported on VPLS service. **ARP on DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R3)
	Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R3)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 201: 7710 SR 7.0 R1 through R2

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R1 through R2)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R1 through R2)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R1 through R2)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Info Policies Support.** 5620 SAM provides read-only support of Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7710 SR 7.0 R1 through R2)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Alcatel-Lucent 7710 Service Router Release 6.1

Table 202: 7710 SR 6.1 R17 through R19

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089]

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	Manufacturing Part Number. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	PPP Initial delay. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367]

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	Increased Channel Description Lengths. 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087]

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	Power Supply Type "Default". 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type "Default"**. 5620 SAM does not support the "default" type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type “Default”**. 5620 SAM does not support the “default” type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Default Accounting Policy Log Interval**. 5620 SAM does not support default interval for accounting policies. [593089] **Manufacturing Part Number**. 5620 SAM does not support the chassis manufacturing part number. [593087] **Power Supply Type “Default”**. 5620 SAM does not support the “default” type for Power Supplies. [593088] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R17 through R19)
	Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 203: 7710 SR 6.1 R15 through R16

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	PIM SSM Default Range Disable. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539]

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584367] **(PTS 584368) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [584368] **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) MAC

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R15 through R16)
	criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 204: 7710 SR 6.1 R14

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	PIP STP Inside Same MST Region. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537]

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Increased Channel Description Lengths.** 5620 SAM does not support increased description field lengths of [81..160] characters for SONET Paths, TDM DS3, E3 and DS0 Channel Groups. **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) MAC

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R14)
	criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 205: 7710 SR 6.1 R13

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	Null Endpoint Discriminator ID for MLPPP. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	E1 Channel National Bits. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management. **Card PChip Cam Event**. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	[559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **PPP Initial delay**. 5620 SAM does not support PPP initial delay configuration on PPPoE Policies for Subscriber Management.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	Card PChip Cam Event. 5620 SAM does not support the Card PChip Cam Event trap. **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R13)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 206: 7710 SR 6.1 R12

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	[572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Ethernet Port Hold Timer**. 5620 SAM does not support the increased Ethernet port hold timer range for values [51..900]. [572537] **PIM SSM Default Range Disable**. 5620 SAM does not support SSM Default Range Disable for PIM routing protocol in the base routing instance and VPRN services. [572539] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	Management PPPoE Policies. **MAF MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R12)
	such as start and completion of a recover action after system startup.

Table 207: 7710 SR 6.1 R11

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support**. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM SAA IMCP Ping Forwaring Class.** 5620 SAM does not support the configuration of forwarding class. [568282] **ICMP-VSE**. 5620 SAM does not support the configuration of ICMP VSE (Vendor specific extension). [568282] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R11)
	DHCP Server Failover Support. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 208: 7710 SR 6.1 R10

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support**. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	ARP On DHCP Response Packets. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	[559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R10)
	MAF MAC Criteria. 5620 SAM does not support Management Access Filter (MAF) MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 209: 7710 SR 6.1 R9

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	IGMP Snooping Maximum Number of Sources. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **ARP On DHCP Response Packets**. 5620 SAM does not support ARP on DHCP response packets for IES and VPRN L3 Access Interfaces. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R9)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 210: 7710 SR 6.1 R7 through R8

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
through R8	**MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **Null Endpoint Discriminator ID for MLPPP**. 5620 SAM does not support Null Endpoint Discriminator ID for MLPPP Multilink Bundles. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) MAC criteria.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R7 through R8)
	MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 211: 7710 SR 6.1 R6

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	Untagged RNCV Support for MC-Ring QinQ SAP. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **E1 Channel National Bits**. 5620 SAM does not support National Bits for E1 Channels using G.704 or G.704 no-CRC Framing under ASAP daughter cards. **IGMP Snooping Maximum Number of Sources**. 5620 SAM does not support Maximum Number of Sources for IGMP Snooping on VPLS service L2 Access Interfaces, Mesh SDPs and Spoke SDPs. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R6)
	not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 212: 7710 SR 6.1 R5

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
	which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
	support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
	CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
	MPLS/RSVP Local Node Maintenance Required Error. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R3	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
	(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup..
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 549206) Muti-Chassis APS for ATM VLL VC-Type ATM-VPC**. 5620 SAM does not support multi-chassis APS for use with ATM VLLs of vc-type ATM-PVC. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **PPPoE Policy PPP Authentication Protocol**. 5620 SAM does not support PPP Authentication Protocol (ppp-authentication {pap|chap|pref-chap}) for Subscriber Management PPPoE Policies. **MAF MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R5)
	CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 213: 7710 SR 6.1 R4

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R4)
	failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the “Local Node Maintenance Required” error sub-code for MPLS/RSVP LSP path and path bindings. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R4)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R4)
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R4)
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **MAF MAC Criteria**. 5620 SAM does not support Management Access Filter (MAF) MAC criteria. **MPLS/RSVP Local Node Maintenance Required Error**. 5620 SAM does not support the "Local Node Maintenance Required" error sub-code for MPLS/RSVP LSP path and path bindings. **Untagged RNCV Support for MC-Ring QinQ SAP**. 5620 SAM does not support untagged RNCV for MC-Ring on a QinQ SAP. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R4)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 214: 7710 SR 6.1 R3

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R3)
	OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R3)
through R8	limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **DHCP Server Failover Support**. 5620 SAM does not support local DHCP server failover using the Multi-Chassis Sync framework. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

Table 215: 7710 SR 6.1 R1 through R2

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R1 through R2)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7710 SR 6.1 R1 through R2)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

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Table 216: 7710 SR 6.0 R18 through R19

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	Multicast Info Policies Support. 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **System Timing Reference Selection State.** 5620 SAM does not support the selection

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	BGP Purge Timer. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	PIM ECMP Optional Threshold Usage. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021] **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	VLL CAC. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 592021) Obsoleted OAM Test History Tables Parameter.** 5620 SAM cannot create new OAM tests due to the obsoletion of MIB entries for Ping and Traceroute history tables (tmnxOamPingCtlMaxRows, tmnxOamTrCtlMaxRows), a deployment failure will occur. [592021]

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	System Timing Reference Selection State. 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances.**

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R18 through R19)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override.** 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes.** 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs.** 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 217: 7710 SR 6.0 R17

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	Admin State Rules for Bundle Protection Group. 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation.** 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason.** 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth.** 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage.** 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay.** 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement.** 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control.** 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length.** 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm.** 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region.** 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap.** 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth.** 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels.** 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay.** 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using ‘Any LSP’ Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a ‘Target Type’ of ‘Any LSP’ with a non-0.0.0.0 ‘Destination Path Address’ defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	PIM Group Administrative Bandwidth. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **System Timing Reference Selection State.** 5620 SAM does not support the selection state for system timing references. [584361] **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R17)
	VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 218: 7710 SR 6.0 R16

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	LDP Label Withdrawal Delay. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	Multicast Path Management Channel Support. 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	DHCP Server Operational State. 5620 SAM does not support DHCP Server operational state. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances.**

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571173) LSP Ping using 'Any LSP' Target Type with Destination Path Address.** 5620 SAM does not support deployment of LSP Ping tests which have been configured for a 'Target Type' of 'Any LSP' with a non-0.0.0.0 'Destination Path Address' defined. A deployment failure will result upon test deployment. **Admin State Rules for Bundle Protection Group.** 5620 SAM does not support admin state changes for a Bundle Protection Group that does not have a endpoint-discriminator defined. [572549] **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	MSDP Peer Authentication Key Length. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R16)
	IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

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5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 570001) MLD Multicast Group and SSM Translation**. 5620 SAM does not support creation/deletion/modification of MLD Multicast Groups and SSM Translations for the MLD routing instance and MLD interfaces. **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason**. 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'.** 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group.** 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC.** 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges.** 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support.** 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support.** 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces.** 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile.** 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces.** 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer.** 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm.** 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override.** 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs.** 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **tmnxSyncFailureReason.** 5620 SAM does not support tmnxSyncFailureReason indicating the reason for CPM configuration and boot-env synchronization failures. **PIM Group Administrative Bandwidth.** 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R15)
	VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 220: 7710 SR 6.0 R14

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	BGP Minimum Route Advertisement. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	(PTS 550389) OAM ICMP Trace Test Deployment Failure. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth**. 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage**. 5620 SAM does not support display of the PIM ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490]

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	OAM CPE-Ping Probe Interval With Send Control. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'.** 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group.** 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC.** 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges.** 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support.** 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support.** 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces.** 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile.** 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces.** 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer.** 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm.** 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override.** 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs.** 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Group Administrative Bandwidth.** 5620 SAM does not support display of the PIM Group administrative bandwidth. **PIM ECMP Optional Threshold Usage.** 5620 SAM does not support display of the PIM

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	ECMP optional threshold usage. **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R14)
	such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 221: 7710 SR 6.0 R13

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad).

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance,

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	CES DS1/E1 Clock State Change Trap. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R13)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 222: 7710 SR 6.0 R12

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	802.3ah OAM Loop Cleared Notification. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when “send via control plane” is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **BGP Minimum Route Advertisement**. 5620 SAM does not support the the min route-advertisement value of 1. This restriction is applicable to the BGP routing instance, BGP Peer Group and the BGP Peer on the base routing instance and VPRN services. [559490] **OAM CPE-Ping Probe Interval With Send Control**. 5620 SAM does not support cpe-ping with a probe interval less than 5 when "send via control plane" is enabled. **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	Static Route to RSVP-TE. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R12)
	such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 223: 7710 SR 6.0 R11

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
through R8	limitations: **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Multicast Path Management Channel Support.** 5620 SAM provides read-only support

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Multicast Path Management Channel Support.** 5620 SAM provides read-only support

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	TACACS+/RADIUS Template User Profile. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Multicast Path Management Channel Support.** 5620 SAM provides read-only support of multicast path management channels for 7710 SR VPRN services and routing instances. **Multicast Info Policies Support.** 5620 SAM does not support Multicast Info Policies for 7710 SR VPRN services and routing instances. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 550389) OAM ICMP Trace Test Deployment Failure**. 5620 SAM does not support OAM ICMP Trace test desployment which results in a deployment failure. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R11)
	MC-Ring Debounce Timer. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 224: 7710 SR 6.0 R10

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	SNMP Trap Target Replay. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	Provider Bridge Group Address (802.1ad) MSTP Support. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	Ingress/Egress P-chip Error Rate Threshold. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	IEEE 802.1ah Provider Backbone Bridges. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **PIP STP Inside Same MST Region**. 5620 SAM does not support tlsPipStpInsideRegion

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	which indicates whether the network connected to a PIP (Provider Internal Port) is in the same MST region. **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R10)
	(PTS 550484) Subscriber Management SLA Profile Queue Override. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes.** 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs.** 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 225: 7710 SR 6.0 R9

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R9)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R9)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R9)
	CES L2 Interface Jitter Buffer Current Packet Depth. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support ‘tmnxDSXClockSyncStateChange’ trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R9)
	IOM Card FIB and FIB Next-Hop Statistics. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R9)
	RADIUS Disconnect-Request Statistics. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R9)
	'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R9)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive or differential clock recovery. **CES L2 Interface Jitter Buffer Current Packet Depth**. 5620 SAM does not support display of the jitter buffer current packet depth for a CES L2 Interface. **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R9)
	IP-MTU Support for IES/VPRN Redundant Interfaces. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 226: 7710 SR 6.0 R7 through R8

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R7 through R8)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R7 through R8)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R7 through R8)
	RSVP Overhead Refresh Reduction Over Bypass Tunnels. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R7 through R8)
	BGP Purge Timer. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R7 through R8)
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R7 through R8)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP Overhead Refresh Reduction Over Bypass Tunnels**. 5620 SAM does not support RSVP overhead refresh reduction over bypass tunnels. **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R7 through R8)
	tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 227: 7710 SR 6.0 R6

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R6)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R6)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R6)
	and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R6)
	support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R6)
	Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R6)
	successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'.** 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group.** 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC.** 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges.** 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support.** 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support.** 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces.** 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile.** 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces.** 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer.** 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm.** 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override.** 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes.** 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs.** 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 228: 7710 SR 6.0 R5

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R5)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R5)
	tmnxCpmCardSyncFileNotPresent Alarm. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R5)
	and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SNMP Trap Target Replay**. 5620 SAM does not support the replay parameter for a SNMP trap-target. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **BGP Purge Timer**. 5620 SAM does not support BGP Purge Timer. **DHCP Server Operational State**. 5620 SAM does not support DHCP Server operational state. **RADIUS Disconnect-Request Statistics**. 5620 SAM does not support RADIUS Disconnect-Request Statistics for Subscriber Management. **IOM Card FIB and FIB Next-Hop Statistics**. 5620 SAM does not support the active and available number of FIB and FIB next-hop entries for an IOM Card. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R5)
	support the operational flag 'Out of Resource' for Service Tunnel Bindings. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R5)
	Secondary LSP Path Shared Risk Loss Group. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R5)
	successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag 'Out of Resource'.** 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group.** 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC.** 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges.** 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support.** 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support.** 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces.** 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile.** 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces.** 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer.** 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm.** 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override.** 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes.** 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs.** 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 229: 7710 SR 6.0 R4

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R4)
	PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Service Tunnel Binding Operational Flag 'Out of Resource'**. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R4)
	VLL CAC. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths. **Service Tunnel Binding Operational Flag ‘Out of Resource’**. 5620 SAM does not support the operational flag ‘Out of Resource’ for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R4)
	Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Static Route to RSVP-TE**. 5620 SAM does not support forwarding IP traffic into an RSVP-TE LSP for static routes. **802.3ah OAM Loop Cleared Notification**. 5620 SAM does not support the 802.3ah OAM loop cleared notification indicating when the port is no longer receiving 802.3ah PDUs with a matching source MAC address. **Latest Successful LSP Path MBB and MBB Type**. 5620 SAM does not support latest successful MBB and MBB type for LSP paths.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R4)
	Service Tunnel Binding Operational Flag 'Out of Resource'. 5620 SAM does not support the operational flag 'Out of Resource' for Service Tunnel Bindings. **Secondary LSP Path Shared Risk Loss Group.** 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC.** 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges.** 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support.** 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support.** 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces.** 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile.** 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces.** 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer.** 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm.** 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override.** 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes.** 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs.** 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 230: 7710 SR 6.0 R3

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R3)
	Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R3)
	synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R3)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Secondary LSP Path Shared Risk Loss Group**. 5620 SAM does not support Shared Risk Loss Group (SRLG) for secondary LSP paths. **VLL CAC**. 5620 SAM does not support VLL CAC. **IEEE 802.1ah Provider Backbone Bridges**. 5620 SAM does not support IEEE 802.1ah Provider Backbone Bridges (PBB). **L2PT Protocol Support**. 5620 SAM does not support L2PT protocols CDP, DTP, PAGP, UDLD and VTP for VPLS / I-VPLS services. **Provider Bridge Group Address (802.1ad) MSTP Support**. 5620 SAM does not support MSTP for Provider Bridge Group Address (802.1ad). **MSTP Support for QinQ L2/L3 Interfaces**. 5620 SAM does not support MSTP for QinQ L2/L3 Interfaces. **TACACS+/RADIUS Template User Profile**. 5620 SAM does not support default user profile for TACACS+/RADIUS template user. **IP-MTU Support for IES/VPRN Redundant Interfaces**. 5620 SAM does not support IP-MTU for IES/VPRN redundant interfaces. **MC-Ring Debounce Timer**. 5620 SAM does not support Debounce Timer for MC-Ring. **tmnxCpmCardSyncFileNotPresent Alarm**. 5620 SAM does not support the tmnxCpmCardSyncFileNotPresent alarm indicating that the redundancy file synchronization failed to locate an optional file. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R3)
	DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 231: 7710 SR 6.0 R2

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R2)
	such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 535281) 5620 SAM NE-Schedulable/NE-Persistent STM Test Removal**. Upon a full re-synchronization, 7750/7450/7710 6.0 R2 routers may not provide MIB entries on a NE Schedulable or NE Persistent STM test, which may result in 5620 SAM

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R2)
	removing tests. Recommendation: Perform manual tests by using regular OAM tests invoked from 5620 SAM. 6.0 R3, and later versions of the router resolve the problem as per the Resolved Issues section of the 7750 SR /7450 ESS /7710 SR 6.0.R3 Software Release Notes. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

Table 232: 7710 SR 6.0 R1

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.
5620 SAM 6.0 R2 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.

5620 SAM Release	Compatibility Statement (7710 SR 6.0 R1)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.
5620 SAM 6.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

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Table 233: 7710 SR 5.0 R23 through R25

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	P-chip Memory Parity Error Alarm. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	RADIUS Server Access Algorithm. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **LDP Label Withdrawal Delay**. 5620 SAM does not support configuration of LDP Label Withdrawal Delay. **MSDP Peer Authentication Key Length**. 5620 SAM does not support the maximum 256 character length for MSDP Peer Authentication Key and is limited to 255 characters. **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels. **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R23 through R25)
	Increased Description Field Lengths. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1 through R2	Network element not supported. 5620 SAM does not support management of this router version.

Table 234: 7710 SR 5.0 R22

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R4	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
through R8	**RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	LAG Port Add Failure Cleared Notification. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **RADIUS Server Access Algorithm**. 5620 SAM does not support RADIUS server access algorithm which determines the method used (round robin, direct) for RADIUS server access. **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels. **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R22)
	LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1 through R2	Network element not supported. 5620 SAM does not support management of this router version.

Table 235: 7710 SR 5.0 R21

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	Redundant Interface IP MTU. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R3	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R6	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 547867) VRRP Configuration Failure for Router / IES / VPRN Interfaces**. 5620 SAM does not support configuration of VRRP parameters for router interfaces, IES interfaces and VPRN interfaces. **P-chip Memory Parity Error Alarm**. 5620 SAM does not support P-chip memory parity error alarm (tmnxEqCardPChipMemoryEvent) for cards and daughtercards. **Transmit XPL Error, P-chip FCS Error and P-chip Memory Parity Error Occurances**. 5620 SAM does not support the number of occurances and last occurance of Transmit XPL errors, P-chip FCS errors and P-chip memory parity errors for cards and daughtercards. **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R21)
	LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1 through R2	Network element not supported. 5620 SAM does not support management of this router version.

Table 236: 7710 SR 5.0 R16 through R20

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
through R8	**LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
	exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
	exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
	specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels. **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
	speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Ingress/Egress P-chip Error Rate Threshold**. 5620 SAM does not support Ingress/Egress P-chip Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **Transmit XPL Data Error Rate Threshold**. 5620 SAM does not support Transmit XPL Data Error Rate for Cards and Daughtercards, including threshold exceeded alarms. **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R16 through R20)
	Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1 through R2	Network element not supported. 5620 SAM does not support management of this router version.

Table 237: 7710 SR 5.0 R15

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R15)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R15)
through R8	**LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R15)
	addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R15)
	addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R15)
	of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R15)
	Subscriber Management Persistence Event Report Alarms. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **LAG Port Add Failure Cleared Notification**. 5620 SAM does not support the tLagPortAddFailureCleared notification indicating that the condition preventing addition of a port to a LAG has been resolved. **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels. **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R15)
	compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R15)
	router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1 through R2	Network element not supported. 5620 SAM does not support management of this router version.

Table 238: 7710 SR 5.0 R14

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R14)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R14)
through R8	**Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R14)
	Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R14)
	Service Tunnel 'Labels Exhausted' State Cause. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R14)
	Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Redundant Interface IP MTU**. 5620 SAM does not support configuration of IP MTU for IES and VPRN Service Redundant Interfaces. **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R14)
	tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R14)
	Subscriber Routed Redundancy Protocol. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1 through R2	Network element not supported. 5620 SAM does not support management of this router version.

Table 239: 7710 SR 5.0 R13

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R13)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R13)
	Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason.** 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance.** 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging.** 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification.** 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces.** 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override.** 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes.** 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'.** 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason.** 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance.** 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging.** 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R13)
	OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R13)
	OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R13)
	policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP Instance Master and Backup Traps**. 5620 SAM does not support the tmnxSrrpTrapNewMaster and tmnxSrrpBecameBackup traps. Manual resync may be required to update the SRRP Instance state. **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of “no flow-label” (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the “System IP Not Set” Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode ‘lspFlowControlled (23)’ reason for LSP Path and LSP Crossconnect failure. **Service Tunnel ‘Labels Exhausted’ State Cause**. 5620 SAM does not support the operational state cause “Label Manager has run out of labels” for Service Tunnels. **Subscriber Authentication Policy ‘User Name Format’**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for ‘User Name Format’ under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R13)
	MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R13)
	LACP Tunneling. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1 through R2	Network element not supported. 5620 SAM does not support management of this router version.

Table 240: 7710 SR 5.0 R12

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R12)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R12)
	Subscriber Authentication Policy 'User Name Format'. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason.** 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance.** 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging.** 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification.** 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces.** 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 550484) Subscriber Management SLA Profile Queue Override.** 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm.** 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes.** 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'.** 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason.** 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance.** 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging.** 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms.** 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R12)
	OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R12)
	DHCP Relay Subscriber Identification using Option 82 VSOs. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R12)
	specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **CPM Filter IPv6 Entry Flow Label**. 5620 SAM does not support configuration of "no flow-label" (value -1) for CPM Filter IPv6 entries. **(PTS 550484) Subscriber Management SLA Profile Queue Override**. 5620 SAM does not support override of a policed queue used in a Subscriber Management SLA Profile. **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R12)
	Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R12)
5620 SAM 5.0 R1 through R2	Network element not supported. 5620 SAM does not support management of this router version.

Table 241: 7710 SR 5.0 R11

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R11)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R11)
	MPLS Instance Down Reason. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R11)
	ACL IPv6 Filters on F-Pipe L2 Interfaces. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations:

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R11)
	SRRP System IP Not Set Alarm. 5620 SAM does not support the "System IP Not Set" Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **SRRP System IP Not Set Alarm**. 5620 SAM does not support the "System IP Not Set"

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R11)
	Alarm for SRRP. **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R11)
	Manual Bypass Tunnels. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1 through R2	Network element not supported. 5620 SAM does not support management of this router version.

Table 242: 7710 SR 5.0 R10

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R10)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R10)
	service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R10)
	test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R10)
	Flow Controlled MPLS/LSP Failure State. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Flow Controlled MPLS/LSP Failure State**. 5620 SAM does not support the TmnxMplsLspFailCode 'lspFlowControlled (23)' reason for LSP Path and LSP

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R10)
	Crossconnect failure. **Service Tunnel 'Labels Exhausted' State Cause**. 5620 SAM does not support the operational state cause "Label Manager has run out of labels" for Service Tunnels. **Subscriber Authentication Policy 'User Name Format'**. 5620 SAM does not support the ASCII-Converted Circuit-ID or ASCII-Converted Both (Tuple) settings for 'User Name Format' under Subscriber Authentication Policies. **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R10)
	Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1 through R2	Network element not supported. 5620 SAM does not support management of this router version.

Table 243: 7710 SR 5.0 R5 through R9

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R5 through R9)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R5 through R9)
	OAM Forwarding Class Specification. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R5 through R9)
	support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support “port speed not compatible”, “port duplex not compatible” and “port ingress rate not compatible” alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39).

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R5 through R9)
	GigE Daughtercard Field Replacement Alarms. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **MD5 Authentication of RSVP Interface**. 5620 SAM does not support MD5 Authentication of RSVP Interfaces. **MPLS Instance Down Reason**. 5620 SAM does not support Down Reason for a MPLS Instance that is operationally down. **Inclusion/Suppression of DN bit for VPRN OSPF Instance**. 5620 SAM does not support inclusion/suppression of the DN bit for the OSPF instance under a VPRN service. **ATM QoS Policy CLP Tagging**. 5620 SAM does not support CLP Tagging for ATM QoS policies used by IES or VPRN ATM-based L3 Interfaces. **Transport Tunnel Unstable Operating Flag**. 5620 SAM does not support the Transport Tunnel Unstable operating flag on Service Tunnels. **Subscriber Management Persistence Event Report Alarms**. 5620 SAM does not support the Subscriber Manager Persistence Event Report alarms indicating events such as start and completion of a recover action after system startup. **OAM Forwarding Class Specification**. 5620 SAM does not support forwarding class specification for mac-ping, mac-trace, cpe-ping, vprn-ping and vprn-trace. **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R5 through R9)
	Interface Delay Timers. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.
5620 SAM 5.0 R1 through R2	Network element not supported. 5620 SAM does not support management of this router version.

Table 244: 7710 SR 5.0 R4

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R4)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R4)
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Subscriber Routed Redundancy Protocol**. 5620 SAM does not support Subscriber Routed Redundancy Protocol (SRRP). **DHCP Relay Subscriber Identification using Option 82 VSOs**. 5620 SAM does not support DHCP Relay Subscriber Identification using Option 82 VSOs on VPRN subscriber interfaces. **Class-based Forwarding over RSVP LSPs**. 5620 SAM does not support Class-based Forwarding over RSVP LSPs. **Manual Bypass Tunnels**. 5620 SAM does not support Manual Bypass Tunnels. **LAG Hold Up Timer**. 5620 SAM does not support configuration of Hold Up Timer on LAG Primary Member. **Unnumbered IP Interfaces on IES/VPRN**. 5620 SAM does not support Unnumbered IP Interfaces for IES and VPRN services. **QinQ Encapsulated SAP Support for Efficient EMR**. 5620 SAM does not support QinQ Encapsulation on SAPs with Efficient Egress Multicast Replication (EMR). **MCS Extension to Maintain MVR State**. 5620 SAM does not support the Multi-Chassis Synchronization (MCS) extension to maintain the state for Multicast VPLS Registration (MVR). **Network Queue Policy CIR/PIR Adaptation Rules**. 5620 SAM does not support configuration of CIR/PIR Adaptation Rules on Network Queue Policies. **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R4)
5620 SAM 5.0 R1 through R2	Network element not supported. 5620 SAM does not support management of this router version.

Table 245: 7710 SR 5.0 R3

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R3)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R3)
	router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM Test Octet Size Range Changes**. 5620 SAM does not support the increased OAM test octet size range values for MFIB ping (values 1-39), VPRN ping (values 1-39) and VPRN trace (values 1-39). **Interface Delay Timers**. 5620 SAM does not support delay timer configuration for router and VPRN interfaces. **Increased Description Field Lengths**. 5620 SAM does not support increased description field lengths for Ports, LAGs, router interfaces, IES interfaces and VPRN interfaces. **LACP Tunneling**. 5620 SAM does not support LACP Tunnel configuration for ethernet ports. **ACL IPv6 Filters on F-Pipe L2 Interfaces**. 5620 SAM does not support configuration of ACL IPv6 Filters on F-Pipe L2 Interfaces. **RADIUS Template User Account**. 5620 SAM does not support RADIUS Template User Account configuration.

5620 SAM Release	Compatibility Statement (7710 SR 5.0 R3)
5620 SAM 5.0 R1 through R2	Network element not supported. 5620 SAM does not support management of this router version.

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Table 246: 7710 SR 3.0 R13 through R15

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R13 through R15)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 5.0 R6 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R13 through R15)
5620 SAM 5.0 R2 through R5	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement Alarms**. 5620 SAM does not support "port speed not compatible", "port duplex not compatible" and "port ingress rate not compatible" alarms for GigE Daughtercard Field Replacements of a Rev. B Daughtercard with a non-Rev. B Daughtercard. **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 4.0 R3 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.....

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R13 through R15)
5620 SAM 4.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello..... **(PTS 503779) OAM Test Execution**: 5620 SAM does not support the SDP ping or LSP ping operations.

Table 247: 7710 SR 3.0 R9 through R12

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R9 through R12)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 5.0 R2 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R9 through R12)
5620 SAM 5.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 4.0 R3 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.....
5620 SAM 4.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **GigE Daughtercard Field Replacement**. 5620 SAM does not support GigE Daughtercard Field Replacements. **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello..... **(PTS 503779) OAM Test Execution**: 5620 SAM does not support the SDP ping or LSP

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R9 through R12)
	ping operations.

Table 248: 7710 SR 3.0 R8

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R8)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R8)
5620 SAM 4.0 R3 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.....
5620 SAM 4.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **TDM DS3/E3/DS0 Channel Network Accounting Policy and Collect-Stats**. 5620 SAM does not support Accounting Policy or Collect-Stats parameters for TDM DS3/E3/DS0 Channels. **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello..... **(PTS 503779) OAM Test Execution**: 5620 SAM does not support the SDP ping or LSP ping operations.

Table 249: 7710 SR 3.0 R7

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R7)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 4.0 R3 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R7)
5620 SAM 4.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **TDM DS3/E3/DS0 Channel MTU**. 5620 SAM does not support MTU values in the range [4475..9208] for TDM DS3/E3/DS0 channels. **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello..... **(PTS 503779) OAM Test Execution**: 5620 SAM does not support the SDP ping or LSP ping operations.

Table 250: 7710 SR 3.0 R6

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R6)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 4.0 R3 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.....
5620 SAM 4.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IES / VPRN Interface IP MTU**. 5620 SAM does not support IP MTU configuration on IES and VPRN Interfaces. **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello..... **(PTS 503779) OAM Test Execution**: 5620 SAM does not support the SDP ping or LSP ping operations.

Table 251: 7710 SR 3.0 R5 [3]

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R5)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.
5620 SAM 4.0 R3 through R12	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello.....
5620 SAM 4.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **PIM Three-Way-Hello**. 5620 SAM does not support PIM Three-Way-Hello..... **(PTS 503779) OAM Test Execution**: 5620 SAM does not support the SDP ping or LSP ping operations.

[9] The 7710 Service Router Release 3.0 R4 was never released to the field

Table 252: 7710 SR 3.0 R2 through R3

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R2 through R3)
5620 SAM 7.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description.
5620 SAM 4.0 R3 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 4.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 503779) OAM Test Execution**: 5620 SAM does not support the SDP ping or LSP ping operations.

Table 253: 7710 SR 3.0 R1

5620 SAM Release	Compatibility Statement (7710 SR 3.0 R1)
5620 SAM 4.0 R1 and above	Network element not supported. 5620 SAM does not support management of this router version.

3.4 Alcatel-Lucent 7705 Service Aggregation Router

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Table 254: 7705 SAR 4.0 R1 through R2

5620 SAM Release	Compatibility Statement (7705 SAR 4.0 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Static-route LDP Sync.** 5620 SAM does not support static-route LDP Sync.

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Table 255: 7705 SAR 3.0 R3 through R4

5620 SAM Release	Compatibility Statement (7705 SAR 3.0 R3 through R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Static-route LDP Sync.** 5620 SAM does not support static-route LDP Sync.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Static-route LDP Sync.** 5620 SAM does not support static-route LDP Sync.
5620 SAM 8.0.R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **X21 Port Type.** 5620 SAM does not support X21 port type. **RS232 Channel Enhancements.** 5620 SAM does not support the RS232 channel enhancements. **Auxiliary Alarm Card.** 5620 SAM does not support the Auxiliary Alarm Card. **Timing Reference Quality Level.** 5620 SAM does not support Timing Reference Quality Levels. **Y1731 Dual-Ended Loss Test.** 5620 SAM does not support the Y1731 Dual-Ended Loss Test. **Static-route LDP Sync.** 5620 SAM does not support static-route LDP Sync.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **X21 Port Type.** 5620 SAM does not support X21 port type. **RS232 Channel Enhancements.** 5620 SAM does not support the RS232 channel enhancements. **Auxiliary Alarm Card.** 5620 SAM does not support the Auxiliary Alarm Card. **16 IPCP Bundle Support per 16 Port DS1/E1 ASAP Daughtercard.** 5620 SAM does not support 16 IPCP bundles per 16 port DS1/E1 ASAP Daughtercard. **APS Support for 4 Port OC3/STM1 Daughtercard.** 5620 SAM does not support APS for the 4 port OC3/STM1 Daughtercard. **6 Port E&M Daughtercard.** 5620 SAM does not support the 6 port E&M Daughtercard. **IES Services.** 5620 SAM does not support IES services. **CEM for the 2 Port Channelized OC3/STM1 Daughter Card.** 5620 SAM does not

5620 SAM Release	Compatibility Statement (7705 SAR 3.0 R3 through R4)
	support CEM for the 2 Port Channelized OC3/STM1 Daughter Card. **OneToOne LSP Fast Reroute.** 5620 SAM does not support the OneToOne type of LSP fast reroute. **Timing Reference Quality Level.** 5620 SAM does not support Timing Reference Quality Levels. **Y1731 Dual-Ended Loss Test.** 5620 SAM does not support the Y1731 Dual-Ended Loss Test. **Y1731 MEP LBR Performance Statistics.** 5620 SAM does not support Y1731 MEP LBR Performance Statistics. **Network Port Control Packet Performance Statistics.** 5620 SAM does not support Network Port Control Packet Performance Statistics. **Static-route LDP Sync.** 5620 SAM does not support static-route LDP Sync.

Table 256: 7705 SAR 3.0 R2

5620 SAM Release	Compatibility Statement (7705 SAR 3.0 R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Auxiliary Alarm Card.** 5620 SAM does not support the Auxiliary Alarm Card. **Y1731 Dual-Ended Loss Test.** 5620 SAM does not support the Y1731 Dual-Ended Loss Test. **Static-route LDP Sync.** 5620 SAM does not support static-route LDP Sync.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Auxiliary Alarm Card.** 5620 SAM does not support the Auxiliary Alarm Card. **Y1731 Dual-Ended Loss Test.** 5620 SAM does not support the Y1731 Dual-Ended Loss Test. **Static-route LDP Sync.** 5620 SAM does not support static-route LDP Sync.
5620 SAM 8.0.R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Auxiliary Alarm Card.** 5620 SAM does not support the Auxiliary Alarm Card. **Timing Reference Quality Level.** 5620 SAM does not support Timing Reference Quality Levels. **Y1731 Dual-Ended Loss Test.** 5620 SAM does not support the Y1731 Dual-Ended Loss Test. **Static-route LDP Sync.** 5620 SAM does not support static-route LDP Sync.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Auxiliary Alarm Card.** 5620 SAM does not support the Auxiliary Alarm Card. **16 IPCP Bundle Support per 16 Port DS1/E1 ASAP Daughtercard.** 5620 SAM does not support 16 IPCP bundles per 16 port DS1/E1 ASAP Daughtercard. **APS Support for 4 Port OC3/STM1 Daughtercard.** 5620 SAM does not support APS for the 4 port OC3/STM1 Daughtercard. **6 Port E&M Daughtercard.** 5620 SAM does not support the 6 port E&M Daughtercard. **IES Services.** 5620 SAM does not support IES services. **CEM for the 2 Port Channelized OC3/STM1 Daughter Card.** 5620 SAM does not support CEM for the 2 Port Channelized OC3/STM1 Daughter Card.

5620 SAM Release	Compatibility Statement (7705 SAR 3.0 R2)
	OneToOne LSP Fast Reroute. 5620 SAM does not support the OneToOne type of LSP fast reroute. **Timing Reference Quality Level.** 5620 SAM does not support Timing Reference Quality Levels. **Y1731 Dual-Ended Loss Test.** 5620 SAM does not support the Y1731 Dual-Ended Loss Test. **Y1731 MEP LBR Performance Statistics.** 5620 SAM does not support Y1731 MEP LBR Performance Statistics. **Network Port Control Packet Performance Statistics.** 5620 SAM does not support Network Port Control Packet Performance Statistics. **Static-route LDP Sync.** 5620 SAM does not support static-route LDP Sync.

Table 257: 7705 SAR 3.0 R1

5620 SAM Release	Compatibility Statement (7705 SAR 3.0 R1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **IES Services.** 5620 SAM does not support IES services. **Y1731 Dual-Ended Loss Test.** 5620 SAM does not support the Y1731 Dual-Ended Loss Test. **Static-route LDP Sync.** 5620 SAM does not support static-route LDP Sync.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **IES Services.** 5620 SAM does not support IES services. **Y1731 Dual-Ended Loss Test.** 5620 SAM does not support the Y1731 Dual-Ended Loss Test. **Static-route LDP Sync.** 5620 SAM does not support static-route LDP Sync.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **IES Services.** 5620 SAM does not support IES services. **Timing Reference Quality Level.** 5620 SAM does not support Timing Reference Quality Levels. **Y1731 Dual-Ended Loss Test.** 5620 SAM does not support the Y1731 Dual-Ended Loss Test. **Static-route LDP Sync.** 5620 SAM does not support static-route LDP Sync.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IES Services.** 5620 SAM does not support IES services. **CEM for the 2 Port Channelized OC3/STM1 Daughter Card.** 5620 SAM does not support CEM for the 2 Port Channelized OC3/STM1 Daughter Card. **OneToOne LSP Fast Reroute.** 5620 SAM does not support the OneToOne type of LSP fast reroute. **Timing Reference Quality Level.** 5620 SAM does not support Timing Reference Quality Levels. **Y1731 Dual-Ended Loss Test.** 5620 SAM does not support the Y1731 Dual-Ended Loss Test.

5620 SAM Release	Compatibility Statement (7705 SAR 3.0 R1)
	Y1731 MEP LBR Performance Statistics. 5620 SAM does not support Y1731 MEP LBR Performance Statistics. **Network Port Control Packet Performance Statistics.** 5620 SAM does not support Network Port Control Packet Performance Statistics. **Static-route LDP Sync.** 5620 SAM does not support static-route LDP Sync.

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Table 258: 7705 SAR 2.1 R3 through R4

5620 SAM Release	Compatibility Statement (7705 SAR 2.1 R3 through R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **Static-route LDP Sync.** 5620 SAM does not support static-route LDP Sync.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Static-route LDP Sync.** 5620 SAM does not support static-route LDP Sync.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Static-route LDP Sync**. 5620 SAM does not support static-route LDP Sync. **Active / Standby mode for PW redundancy**. 5620 SAM does not support Active / Standby mode for PW redundancy.

Table 259: 7705 SAR 2.1 R1 through R2

5620 SAM Release	Compatibility Statement (7705 SAR 2.1 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description.

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Table 260: 7705 SAR 2.0 R3 through R5

5620 SAM Release	Compatibility Statement (7705 SAR 2.0 R3 through R5)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R2 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **RSVP-TE MD5 Authentication**. 5620 SAM does not support MD5 Authentication for RSVP-TE Interfaces. **T1 CAS / RBS**. 5620 SAM does not support T1 CAS / Robbed Bit Signaling (RBS). If this functionality were to be enabled from the node while being managed by 5620 SAM 7.0 R1, this could cause management issues for this node. This functionality is fully supported as of 5620 SAM 7.0 R2.

Table 261: 7705 SAR 2.0 R1 through R2

5620 SAM Release	Compatibility Statement (7705 SAR 2.0 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

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Table 262: 7705 SAR 1.1 R2 through R4

5620 SAM Release	Compatibility Statement (7705 SAR 1.1 R2 through R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **CES DS1/E1 Clock State Change Trap**. 5620 SAM does not support 'tmnxDSXClockSyncStateChange' trap notifications for CES DS1/E1 clock state changes when set to adaptive clock recovery.

Table 263: 7705 SAR 1.1 R1

5620 SAM Release	Compatibility Statement (7705 SAR 1.1 R1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description.

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Table 264: 7705 SAR 1.0 R6 through R7

5620 SAM Release	Compatibility Statement (7705 SAR 1.0 R6 through R7)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 544955) ISSU Upgrade**: 5620 SAM does not support ISSU upgrade from 7705 SAR 1.0 R5 to 1.0 R6 or later.

Table 265: 7705 SAR 1.0 R3 through R5

5620 SAM Release	Compatibility Statement (7705 SAR 1.0 R3 through R5)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 266: 7705 SAR 1.0 R1 through R2

5620 SAM Release	Compatibility Statement (7705 SAR 1.0 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R4 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 568296) MIB Entry Policy for CEM SAP Statistics**: 5620 SAM does not support MIB Entry Policy for CEM Statistics.
5620 SAM 7.0 R1 through R3	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R2 through R8	Network element supported as per 5620 SAM Release Description.

3.5 Alcatel-Lucent 7210 Service Access Switch

Alcatel-Lucent 7210 Service Access Switch Release 3.0

Table 267: 7210 SAS-D 3.0R4

5620 SAM Release	Compatibility Statement (7210 SAS-D 3.0 R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 608890) Access Ingress.** 5620 SAM does not support Addition of Meter with meter mode other than trtcm1 fails for 7210 Sap Ingress Local policy. **(PTS 608905) Backup/Restore.** 5620 SAM does not support Backup/Restore with "CLI Config Save details" enabled in the Backup/Restore policy.

Table 268: 7210 SAS-E 3.0 R1 through R4

5620 SAM Release	Compatibility Statement (7210 SAS-E 3.0 R1 through R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description.

Table 269: 7210 SAS-M 3.0 R2 through R4

5620 SAM Release	Compatibility Statement (7210 SAS-M 3.0 R2 through R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 601407) L2uplink Support.** 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.

Table 270: 7210 SAS-M 3.0 R1

5620 SAM Release	Compatibility Statement (7210 SAS-M 3.0 R1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 601407) L2uplink Support.** 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 601407) L2uplink Support.** 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.

Table 271: 7210 SAS-M 24F2XFP 3.0 R2 through R4

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP 3.0 R2 through R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 601407) L2uplink Support.** 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.

Table 272: 7210 SAS-M 24F2XFP 3.0 R1

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP 3.0 R1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 601407) L2uplink Support.** 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 601407) L2uplink Support.** 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.

Table 273: 7210 SAS-M 24F2XFP ETR 3.0 R3 through R4

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP ETR 3.0 R3 through R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 601407) L2uplink Support.** 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled. **(PTS 606710) H-Metering block Access Interface.** 5620 SAM does not support the modification of H-Metering Related params from CLI as it blocks Access Interface modification from SAM.

Table 274: 7210 SAS-M 24F2XFP ETR 3.0 R2

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP ETR 3.0 R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 605445) Incorrect Discovery.** SAS-M 242XFP ETR 3.0 R2 will be incorrectly discovered as SAS-M 242XFP.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 605445) Incorrect Discovery.** SAS-M 242XFP ETR 3.0 R2 will be incorrectly discovered as SAS-M 242XFP. **(PTS 601407) L2uplink Support.** 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.

Table 275: 7210 SAS-M 24F2XFP ETR 3.0 R1

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP ETR 3.0 R1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 601407) L2uplink Support.** 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP ETR 3.0 R1)
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 601407) L2uplink Support.** 5620 SAM does not support management of SAS-M nodes with Access uplink mode enabled.

Table 276: 7210 SAS-X 3.0 R1 through R4

5620 SAM Release	Compatibility Statement (7210 SAS-X 3.0 R1 through R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 608905) Backup/Restore.** 5620 SAM does not support Backup/Restore with "CLI Config Save details" enabled in the Backup/Restore policy.
5620 SAM 8.0 R7 through R8	Network element supported with the following limitations: **(PTS 606710) H-Metering block Access Interface.** 5620 SAM does not support the modification of H-Metering Related params from CLI as it blocks Access Interface modification from SAM. **(PTS 608905) Backup/Restore.** 5620 SAM does not support Backup/Restore with "CLI Config Save details" enabled in the Backup/Restore policy. **(PTS 598458) Out-of-band Management.** 5620 SAM does not support Out-of-Band management feature.

Alcatel-Lucent 7210 Service Access Switch Release 2.0

Table 277: 7210 SAS-E 2.0 R5 through R8

5620 SAM Release	Compatibility Statement (7210 SAS-E 2.0 R5 through R8)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R8	Network element supported as per 5620 SAM Release Description.

Table 278: 7210 SAS-M 2.0 R5 through R8

5620 SAM Release	Compatibility Statement (7210 SAS-M 2.0 R5 through R8)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 598375) LDP Protocol.** 5620 SAM does not support enabling LDP protocol for SAS-M. A deployment failure will result upon the deployment.

Table 279: 7210 SAS-M 24F2XFP 2.0 R5 through R8

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP 2.0 R5 through R8)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 598375) LDP Protocol.** 5620 SAM does not support enabling LDP protocol for SAS-M. A deployment failure will result upon the deployment.

Table 280: 7210 SAS-M 24F2XFP ETR 2.0 R8

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP ETR 2.0 R8)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 598375) LDP Protocol.** 5620 SAM does not support enabling LDP protocol for SAS-M. A deployment failure will result upon the deployment.

Table 281: 7210 SAS-M 24F2XFP ETR 2.0 R7

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP ETR 2.0 R7)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 605445) Incorrect Discovery.** SAS-M 242XFP ETR 2.0 R7 will be incorrectly discovered as SAS-M 242XFP.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 605445) Incorrect Discovery.** SAS-M 242XFP ETR 2.0 R7 will be incorrectly discovered as SAS-M 242XFP.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 605445) Incorrect Discovery.** SAS-M 242XFP ETR 2.0 R7 will be incorrectly discovered as SAS-M 242XFP. **(PTS 598375) LDP Protocol.** 5620 SAM does not support enabling LDP protocol for SAS-M. A deployment failure will result upon the deployment.

Table 282: 7210 SAS-M 24F2XFP ETR 2.0 R5 through R6

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP ETR 2.0 R5 through R6)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 598375) LDP Protocol.** 5620 SAM does not support enabling LDP protocol for SAS-M. A deployment failure will result upon the deployment.

Table 283: 7210 SAS-X 2.0 R6 through R8

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP 2.0 R6 through R8)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 608905) Backup/Restore.** 5620 SAM does not support Backup/Restore with “CLI Config Save details” enabled in the Backup/Restore policy.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 608905) Backup/Restore.** 5620 SAM does not support Backup/Restore with “CLI Config Save details” enabled in the Backup/Restore policy. **(PTS 598458) Out-of-band Management.** 5620 SAM does not support Out-of-Band management feature.
5620 SAM 8.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 608905) Backup/Restore.** 5620 SAM does not support Backup/Restore with “CLI Config Save details” enabled in the Backup/Restore policy. **(PTS 596870) Synch-E.** 5620 SAM does not support Synch-E feature. **(PTS 595954) Combined Network Egress Policy.** 5620 SAM does not support assignment of Combined Network Egress Accounting policies to ports. **(PTS 598458) Out-of-band Management.** 5620 SAM does not support Out-of-Band management feature.

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP 2.0 R6 through R8)
	(PTS 598689) H-Metering. 5620 SAM does not support H-Metering feature.
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 608905) Backup/Restore.** 5620 SAM does not support Backup/Restore with "CLI Config Save details" enabled in the Backup/Restore policy. **(PTS 598360) SAP Creation.** 5620 SAM does not support creation of SAP for all services. **MVPLS/VPLS/VLL Services.** 5620 SAM does not support creation of MVPLS/VPLS/VLL services, a deployment failure will result. **(PTS 596870) Synch-E.** 5620 SAM does not support Synch-E feature. **(PTS 595954) Combined Network Egress Policy.** 5620 SAM does not support assignment of Combined Network Egress Accounting policies to ports. **(PTS 598458) Out-of-band Management.** 5620 SAM does not support Out-of-Band management feature.

Table 284: 7210 SAS-X 2.0 R5

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP 2.0 R5)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 598458) Out-of-band Management.** 5620 SAM does not support Out-of-Band management feature. **(PTS 598689) H-Metering.** 5620 SAM does not support H-Metering feature.
5620 SAM 8.0 R6	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 596870) Synch-E.** 5620 SAM does not support Synch-E feature. **(PTS 595954) Combined Network Egress Policy.** 5620 SAM does not support assignment of Combined Network Egress Accounting policies to ports. **(PTS 598458) Out-of-band Management.** 5620 SAM does not support Out-of-Band management feature. **(PTS 598689) H-Metering.** 5620 SAM does not support H-Metering feature.

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP 2.0 R5)
5620 SAM 8.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 598360) SAP Creation.** 5620 SAM does not support creation of SAP for all services. **MVPLS/VPLS/VLL Services.** 5620 SAM does not support creation of MVPLS/VPLS/VLL services, a deployment failure will result. **(PTS 596870) Synch-E.** 5620 SAM does not support Synch-E feature. **(PTS 595954) Combined Network Egress Policy.** 5620 SAM does not support assignment of Combined Network Egress Accounting policies to ports. **(PTS 598458) Out-of-band Management.** 5620 SAM does not support Out-of-Band management feature.

Table 285: 7210 SAS-E / SAS-M 2.0 R2 through R4

5620 SAM Release	Compatibility Statement (7210 SAS-E / SAS-M 2.0 R2 through R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description. 7210 SAS E / SAS M 2.0 R2 and later node loads are supported with feature parity of 2.0 R1.

Table 286: 7210 SAS-M 24F2XFP 2.0 R2 through R4

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP 2.0 R2 through R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description.

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP 2.0 R2 through R4)
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description. 7210 SAS 24F2XFP 2.0 R2 and later node loads are supported with feature parity of 2.0 R1.

Table 287: 7210 SAS-M 24F2XFP ETR 2.0 R2 through R4

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP ETR 2.0 R2 through R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description. 7210 SAS 24F2XFP ETR 2.0 R2 and later node loads are supported with feature parity of 2.0 R1.

Table 288: 7210 SAS-E / SAS-M 2.0 R1

5620 SAM Release	Compatibility Statement (7210 SAS-E / SAS-M 2.0 R1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R8	Network element supported as per 5620 SAM Release Description.

Table 289: 7210 SAS-M 24F2XFP 2.0 R1

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP 2.0 R1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R8	Network element supported as per 5620 SAM Release Description.

Table 290: 7210 SAS-M 24F2XFP ETR 2.0 R1

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP ETR 2.0 R1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R8	Network element supported as per 5620 SAM Release Description.

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Table 291: 7210 SAS-E 1.1 R7 through R12

5620 SAM Release	Compatibility Statement (7210 SAS-E 1.1 R7 through R12)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 601397) ServiceIngressOctets Accounting Policy for SAP.** 5620 SAM does not support deployment of the ServiceIngressOctets Accounting Record binding to SAP of all services. A deployment failure will result.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 601397) ServiceIngressOctets Accounting Policy for SAP.** 5620 SAM does not support deployment of the ServiceIngressOctets Accounting Record binding to SAP of all services. A deployment failure will result. **(PTS 571333) Access Ingress Policy with MAC Entry.** 5620 SAM does not support deployment of the MAC match criteria entry for 7210 Access Ingresss policies. A deployment failure will result upon the deployment.

Table 292: 7210 SAS-E 1.1 R4 through R6

5620 SAM Release	Compatibility Statement (7210 SAS-E 1.1 R4 through R6)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571333) Access Ingress Policy with MAC Entry.** 5620 SAM does not support deployment of the MAC match criteria entry for 7210 Access Ingresss policies. A deployment failure will result upon the deployment.

Table 293: 7210 SAS-M 1.1 R4 through R12

5620 SAM Release	Compatibility Statement (7210 SAS-M 1.1 R4 through R12)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 571333) Access Ingress Policy with MAC Entry.** 5620 SAM does not support deployment of the MAC match criteria entry for 7210 Access Ingresss policies. A deployment failure will result upon the deployment.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Network Policies.** 5620 SAM does not support Network Policies. **(PTS 571333) Access Ingress Policy with MAC Entry.** 5620 SAM does not support deployment of the MAC match criteria entry for 7210 Access Ingresss policies. A deployment failure will result upon the deployment.

Table 294: 7210 SAS-M 24F2XFP 1.1 R6 through R12

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP 1.1 R6 through R12)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 295: 7210 SAS-M 24F2XFP ETR 1.1 R8 through R12

5620 SAM Release	Compatibility Statement (7210 SAS-M 24F2XFP ETR 1.1 R8 through R11)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R8	Network element supported as per 5620 SAM Release Description.

Table 296: 7210 SAS-E 1.1 R3

5620 SAM Release	Compatibility Statement (7210 SAS-E 1.1 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description.

Table 297: 7210 SAS-M 1.1 R3

5620 SAM Release	Compatibility Statement (7210 SAS-M 1.1 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R6 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R5	Network element supported as per 5620 SAM Release Description with the following limitations: **Network Policies.** 5620 SAM does not support Network Policies.

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Table 298: 7210 SAS-E 1.0 R5 through R6

5620 SAM Release	Compatibility Statement (7210 SAS-E 1.0 R5 through R6)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Egress Rate Limiting and Frame Based Accounting**. 5620 SAM does not support Egress Rate Limiting and Frame Based Accounting.
5620 SAM 7.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Egress Rate Limiting and Frame Based Accounting**. 5620 SAM does not support Egress Rate Limiting and Frame Based Accounting. **IGMP Snooping**. 5620 SAM does not support IGMP Snooping.

Table 299: 7210 SAS-E 1.0 R4

5620 SAM Release	Compatibility Statement (7210 SAS-E 1.0 R4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R3 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **IGMP Snooping**. 5620 SAM does not support IGMP Snooping.

Table 300: 7210 SAS-E 1.0 R3

5620 SAM Release	Compatibility Statement (7210 SAS-E 1.0 R3)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

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Table 301: 7250 SAS 3.0 R9 (ESA Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R9 (ESA Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **SFP 3HE00869 Support.** 5620 SAM does not support SFP 3HE00869.

Table 302: 7250 SAS 3.0 R9 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R9 (ES Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 303: 7250 SAS 3.0 R8 (ESA Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R8 (ESA Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 304: 7250 SAS 3.0 R8 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R8 (ES Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 305: 7250 SAS 3.0 R7 (ESA Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R7 (ESA Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 306: 7250 SAS 3.0 R7 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R7 (ES Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 307: 7250 SAS 3.0 R6 (ESA Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R6 (ESA Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description.

Table 308: 7250 SAS 3.0 R6 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R6 (ES Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description.

Table 309: 7250 SAS 3.0 R5 (ESA Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R5 (ESA Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description.

Table 310: 7250 SAS 3.0 R5 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R5 (ES Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description.

Table 311: 7250 SAS 3.0 R4.1 (ESA Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R4.1 (ESA Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 312: 7250 SAS 3.0 R4.1 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R4.1 (ES Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R4.1 (ES Chassis Mode))
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 313: 7250 SAS 3.0 R3.1 (ESA Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R3.1 (ESA Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 314: 7250 SAS 3.0 R3.1 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R3.1 (ES Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 315: 7250 SAS 3.0 R3 (ESA Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R3 (ESA Chassis Mode))
5620 SAM 6.0 R1 and above	Network element not supported.

Table 316: 7250 SAS 3.0 R3 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 3.0 R3 (ES Chassis Mode))
5620 SAM 6.0 R1 and above	Network element not supported.

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Table 317: 7250 SAS 2.0 R11 through R13 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R11 through R13 (ES Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **sdpOperStatus Mappings**. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: • 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM 7250 CLI “Established|Backup” will map to “MTU Mismatch” in 5620 SAM
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **sdpOperStatus Mappings**. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: • 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM • 7250 CLI “Established|Backup” will map to “MTU Mismatch” in 5620 SAM
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **sdpOperStatus Mappings**. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: • 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM • 7250 CLI “Established|Backup” will map to “MTU Mismatch” in 5620 SAM
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **sdpOperStatus Mappings**. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: • 7250 CLI “Idle” will map to “Tunnel Not Ready” in 5620 SAM • 7250 CLI “Established|Backup” will map to “MTU Mismatch” in 5620 SAM

Table 318: 7250 SAS 2.0 R11 through R13 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R11 through R13 (STD Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R3 through R8	Network element supported as per 5620 SAM Release Description.

Table 319: 7250 SAS 2.0 R10 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R10 (ES Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **sdpOperStatus Mappings**. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: • 7250 CLI "Idle" will map to "Tunnel Not Ready" in 5620 SAM 7250 CLI "Established|Backup" will map to "MTU Mismatch" in 5620 SAM
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **sdpOperStatus Mappings**. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: • 7250 CLI "Idle" will map to "Tunnel Not Ready" in 5620 SAM • 7250 CLI "Established|Backup" will map to "MTU Mismatch" in 5620 SAM
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **sdpOperStatus Mappings**. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: • 7250 CLI "Idle" will map to "Tunnel Not Ready" in 5620 SAM • 7250 CLI "Established|Backup" will map to "MTU Mismatch" in 5620 SAM
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **sdpOperStatus Mappings**. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: • 7250 CLI "Idle" will map to "Tunnel Not Ready" in 5620 SAM • 7250 CLI "Established|Backup" will map to "MTU Mismatch" in 5620 SAM
5620 SAM 6.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **sdpOperStatus Mappings**. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: • 7250 CLI "Idle" will map to "Tunnel Not Ready" in 5620 SAM • 7250 CLI "Established|Backup" will map to "MTU Mismatch" in 5620 SAM

Table 320: 7250 SAS 2.0 R10 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R10 (STD Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R5 through R8	Network element supported as per 5620 SAM Release Description.

Table 321: 7250 SAS 2.0 R9 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R9 (ES Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **sdpOperStatus Mappings**. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: • 7250 CLI "Idle" will map to "Tunnel Not Ready" in 5620 SAM 7250 CLI "Established|Backup" will map to "MTU Mismatch" in 5620 SAM
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **sdpOperStatus Mappings**. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: • 7250 CLI "Idle" will map to "Tunnel Not Ready" in 5620 SAM • 7250 CLI "Established|Backup" will map to "MTU Mismatch" in 5620 SAM
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **sdpOperStatus Mappings**. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: • 7250 CLI "Idle" will map to "Tunnel Not Ready" in 5620 SAM • 7250 CLI "Established|Backup" will map to "MTU Mismatch" in 5620 SAM
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **sdpOperStatus Mappings**. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: • 7250 CLI "Idle" will map to "Tunnel Not Ready" in 5620 SAM • 7250 CLI "Established|Backup" will map to "MTU Mismatch" in 5620 SAM
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **sdpOperStatus Mappings**. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: • 7250 CLI "Idle" will map to "Tunnel Not Ready" in 5620 SAM • 7250 CLI "Established|Backup" will map to "MTU Mismatch" in 5620 SAM

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R9 (ES Chassis Mode))
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description with the following limitations: **sdpOperStatus Mappings**. The following mapping discrepancies in sdpOperStatus will exist between CLI and 5620 SAM: • 7250 CLI "Idle" will map to "Tunnel Not Ready" in 5620 SAM • 7250 CLI "Established|Backup" will map to "MTU Mismatch" in 5620 SAM

Table 322: 7250 SAS 2.0 R9 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R9 (STD Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 323: 7250 SAS 2.0 R8.1 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R8.1 (ES Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 324: 7250 SAS 2.0 R8.1 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R8.1 (STD Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 325: 7250 SAS 2.0 R8 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R8 (ES Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 326: 7250 SAS 2.0 R8 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R8 (STD Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 327: 7250 SAS 2.0 R7.1 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R7.1 (ES Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 328: 7250 SAS 2.0 R7.1 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R7.1 (STD Chassis Mode))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 329: 7250 SAS 2.0 R5.2 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R5.2 (ES Chassis Mode))
5620 SAM 6.1 R1 and above	Network element not supported.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 330: 7250 SAS 2.0 R5.2 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R5.2 (STD Chassis Mode))
5620 SAM 6.1 R1 and above	Network element not supported.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R5.2 (STD Chassis Mode))
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Table 331: 7250 SAS 2.0 R5.1 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R5.1 (ES Chassis Mode))
5620 SAM 5.0 R5 and above	Network element not supported.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R1 through R2	**7250 Enhanced Services (ES) Chassis Support.** 5620 SAM supports the ES chassis of the 7250 SAS 2.0 at a 1.0 level of functionality.

Table 332: 7250 SAS 2.0 R5.1 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R5.1 (STD Chassis Mode))
5620 SAM 5.0 R5 and above	Network element not supported.
5620 SAM 5.0 R3 through R4	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R1 through R2	**7250 Enhanced Services (STD) Chassis Support.** 5620 SAM supports the STD chassis of the 7250 SAS 2.0 at a 1.0 level of functionality.

Table 333: 7250 SAS 2.0 R5 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R5 (ES Chassis Mode))
5620 SAM 5.0 R3 and above	Network element not supported.
5620 SAM 5.0 R1 through R2	**7250 Enhanced Services (ES) Chassis Support.** 5620 SAM supports the ES chassis of the 7250 SAS 2.0 at a 1.0 level of functionality.

Table 334: 7250 SAS 2.0 R5 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R5 (STD Chassis Mode))
5620 SAM 5.0 R3 and above	Network element not supported.
5620 SAM 5.0 R1 through R2	**7250 Enhanced Services (STD) Chassis Support.** 5620 SAM supports the STD chassis of the 7250 SAS 2.0 at a 1.0 level of functionality.

Table 335: 7250 SAS 2.0 R1 (ES Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R1 (ES Chassis Mode))
5620 SAM 5.0 R1 and above	Network element not supported.
5620 SAM 4.0 R6 through R12	**7250 Enhanced Services (ES) Chassis Support.** 5620 SAM supports the ES chassis of the 7250 SAS 2.0 at a 1.0 level of functionality.

Table 336: 7250 SAS 2.0 R3 (STD Chassis Mode)

5620 SAM Release	Compatibility Statement (7250 SAS 2.0 R3 (STD Chassis Mode))
5620 SAM 5.0 R1 and above	Network element not supported.
5620 SAM 4.0 R7 through R12	**7250 Enhanced Services (STD) Chassis Support.** 5620 SAM supports the STD chassis of the 7250 SAS 2.0 at a 1.0 level of functionality.

Alcatel-Lucent 7250 Service Access Switch Release 1.0

Table 337: 7250 SAS 1.0 R8

5620 SAM Release	Compatibility Statement (7250 SAS 1.0 R8)
5620 SAM 6.1 R1 and above	Network element not supported.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.

Table 338: 7250 SAS 1.0 R7

5620 SAM Release	Compatibility Statement (7250 SAS 1.0 R7)
5620 SAM 6.1 R1 and above	Network element not supported.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R7 through R10	Network element supported as per 5620 SAM Release Description.

Table 339: 7250 SAS 1.0 R6.1

5620 SAM Release	Compatibility Statement (7250 SAS 1.0 R6.1)
5620 SAM 4.0 R1 and above	Network element not supported.
5620 SAM 3.0 R6 through R10	Network element supported as per 5620 SAM Release Description.

Table 340: 7250 SAS 1.0 R5

5620 SAM Release	Compatibility Statement (7250 SAS 1.0 R5)
5620 SAM 3.0 R6 and above	Network element not supported.
5620 SAM 3.0 R5	Network element supported as per 5620 SAM Release Description.

Table 341: 7250 SAS 1.0 R3 [4]

5620 SAM Release	Compatibility Statement (7250 SAS 1.0 R3)
5620 SAM 3.0 R5 and above	Network element not supported.
5620 SAM 3.0 R3 through R4	Network element supported as per 5620 SAM Release Description.

[4] The 7250 SAS Release 1.0 R3 load is not suitable for live deployments.

3.7 Alcatel-Lucent 7750 Mobile Gateway

Alcatel-Lucent 7750 Mobile Gateway Release 3.0

Table 342: 7750 MG 3.0 R2

5620 SAM Release	Compatibility Statement (7750 MG 3.0 R2)
5620 SAM 9.0 R1	7750 MG 3.0 R2 (P-GW) Network element supported as per 5620 SAM Release Description with the following limitations: **7750 MG 3.0 R2 (P-GW) Support.** P-GW 7750 MG 3.0 R2 nodes are supported by 5620 SAM, but only at a 7750 MG 2.0 R14 level of functionality. 7750 MG 3.0 R2 (S-GW) Network element supported as per 5620 SAM Release Description with the following limitations: **LI Target Entries.** 5620 SAM does not support the automatic update of LI Target Entries when the LI Intercept Target Entries are removed using CLI. A manual resync of the LI Target Entries is required. **Ga Peer.** 5620 SAM does not support Ga Peers or Paths on SGW and PGW.

Table 343: 7750 MG 3.0 R1

5620 SAM Release	Compatibility Statement (7750 MG 3.0 R1)
5620 SAM 9.0 R1	7750 MG 3.0 R1 (P-GW) Network element supported as per 5620 SAM Release Description with the following limitations: **7750 MG 3.0 R1 (P-GW) Support.** P-GW 7750 MG 3.0 R1 nodes are supported by 5620 SAM, but only at a 7750 MG 2.0 R14 level of functionality. 7750 MG 3.0 R1 (S-GW) Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 602392) Serving Gateway LTE User Statistics.** 7750 MG 3.0 R1 does not support LTE User Statistics when configured as a Serving Gateway. 5620 SAM will not collect LTE User Statistics for this node version having this configuration. This issue is planned to be resolved in 7750 MG 3.0 R2. **LI Target Entries.** 5620 SAM does not support the automatic update of LI Target Entries when the LI Intercept Target Entries are added or removed using CLI. A manual resync of the LI Target Entries is required.

Alcatel-Lucent 7750 Mobile Gateway Release 2.0

Table 344: 7750 MG 2.0 R18

5620 SAM Release	Compatibility Statement (7750 MG 2.0 R18)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LI for Mobile.** 5620 SAM does not support LI for Mobile feature for 7750 MG 2.0.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description.

Table 345: 7750 MG 2.0 R16 through R17

5620 SAM Release	Compatibility Statement (7750 MG 2.0 R16 through R17)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LI for Mobile.** 5620 SAM does not support LI for Mobile feature for 7750 MG 2.0. **KPI/KCI Accounting Policy.** SAM does not support the distribution of the kpi/kci type accounting policy to a 7750 MG 2.0R16 or R17 Network Element when no location is configured on the associated file policy. The 7750 MG 2.0 R16 and R17, forces the user to set the "Location" field on the file policy to a non-default value before associating file policy to the accounting policy. Workaround: Set the Location field on the file policy before associating it to the accounting policy.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **KPI/KCI Accounting Policy.** SAM does not support the distribution of the kpi/kci type accounting policy to a 7750 MG 2.0R16 or R17 Network Element when no location is configured on the associated file policy. The 7750 MG 2.0 R16 and R17, forces the user to set the "Location" field on the file policy to a non-default value before associating file policy to the accounting policy. Workaround: Set the Location field on the file policy before associating it to the accounting policy.

Table 346: 7750 MG 2.0 R14 through R15

5620 SAM Release	Compatibility Statement (7750 MG 2.0 R14 through R15)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **LI for Mobile.** 5620 SAM does not support LI for Mobile feature for 7750 MG 2.0.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description.

Table 347: 7750 MG 2.0 R8

5620 SAM Release	Compatibility Statement (7750 MG 2.0 R8)
5620 SAM 8.0 R7 and above	Network element not supported.
5620 SAM 8.0 R5 through R6	Network element supported as per 5620 SAM Release Description.

Table 348: 7750 MG 2.0 R1 through R4

5620 SAM Release	Compatibility Statement (7750 MG 2.0 R1 through R4)
5620 SAM 8.0 R5 and above	Network element not supported.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description.

3.8 Alcatel-Lucent 9471 Mobility Management Entity

Alcatel-Lucent 9471 Mobility Management Entity Release 3.0

Table 349: 9471 MME LM3.0 (R22.30.02)

5620 SAM Release	Compatibility Statement (9471 MME LM 2.1 (R22.30.02))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description.

Alcatel-Lucent 9471 Mobility Management Entity Release 2.1

Table 350: 9471 MME LM2.1 (R21.70.07.02)

5620 SAM Release	Compatibility Statement (9471 MME LM2.1 (R21.70.07.02))
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R8	Network element supported as per 5620 SAM Release Description.

3.9 Alcatel-Lucent 5780 Dynamic Services Controller

Alcatel-Lucent 5780 Dynamic Services Controller Release 3.0

Table 351: 5780 DSC 3.0 R1

5620 SAM Release	Compatibility Statement (5780 DSC DSC 3.0 R1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.

Alcatel-Lucent 5780 Dynamic Services Controller Release 2.0

Table 352: 5780 DSC 2.0 R1 through R2

5620 SAM Release	Compatibility Statement (5780 DSC DSC 2.0 R1 through R2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R8	Network element supported as per 5620 SAM Release Description.

3.10 Alcatel-Lucent 9412 / 9926 eNodeB

Alcatel-Lucent 9412 / 9926 eNodeB Release TLA3.0

Table 353: 9412 / 9926 eNodeB TLA 3.0 / TLA3.0.2 MIB Ed.03p07, MIM 8.3.1

5620 SAM Release	Compatibility Statement (9412 / 9926 eNodeB TLA3.0 / TLA3.0.2 MIB Ed.03p07, MIM 8.3.1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.

Alcatel-Lucent 9412 / 9926 eNodeB Release TLA2.1

Table 354: 9412 / 9926 eNodeB TLA2.1 MIB Ed.02p06, MIM 6.4.1

5620 SAM Release	Compatibility Statement (9412 / 9926 eNodeB TLA2.1 MIB Ed.02p06, MIM 6.4.1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.

Alcatel-Lucent 9412 / 9926 eNodeB Release LA3.0

Table 355: 9412 / 9926 eNodeB LA3.0.0 / LA3.0.1 / LA3.0.2 MIB Ed.03p06.1, MIM 7.5.1

5620 SAM Release	Compatibility Statement (9412 / 9926 eNodeB LA3.0.0 / LA3.0.1 / LA3.0.2 MIB Ed.03p06.1, MIM 7.5.1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R6 through R8	Network element supported as per 5620 SAM Release Description.

Alcatel-Lucent 9412 / 9926 eNodeB Release LA2.0

Table 356: 9412 / 9926 eNodeB LA2.0.2 MIB Ed.02p05, MIM 5.3.8

5620 SAM Release	Compatibility Statement (9412 / 9926 eNodeB LA2.0.2 MIB Ed.02p05, MIM 5.3.8)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description.

3.11 Telco T5 Compact

Telco T5 Compact Release 6.5.5

Table 357: Telco 6.5.5

5620 SAM Release	Compatibility Statement (Telco 6.5.5)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Telco T5 Compact Release 6.5.2

Table 358: Telco 6.5.2

5620 SAM Release	Compatibility Statement (Telco 6.5.2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R5 through R11	Network element supported as per 5620 SAM Release Description.

Telco T5 Compact Release 6.3.13

Table 359: Telco 6.3.13

5620 SAM Release	Compatibility Statement (Telco 6.3.13)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R7 through R10	Network element supported as per 5620 SAM Release Description.

Telco T5 Compact Release 6.3.12

Table 360: Telco 6.3.12

5620 SAM Release	Compatibility Statement (Telco 6.3.12)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 5.0 R1 through R11	Network element supported as per 5620 SAM Release Description.
5620 SAM 4.0 R1 through R12	Network element supported as per 5620 SAM Release Description.
5620 SAM 3.0 R7 through R10	Network element supported as per 5620 SAM Release Description.

Telco T5 Compact Release 6.3.11

Table 361: Telco 6.3.11

5620 SAM Release	Compatibility Statement (Telco 6.3.11)
5620 SAM 3.0 R7 and above	Network element not supported.
5620 SAM 3.0 R4 through R6	Network element supported as per 5620 SAM Release Description.

Table 362: Telco 6.3.2

5620 SAM Release	Compatibility Statement (Telco 6.3.2)
5620 SAM 3.0 R4 and above	Network element not supported.
5620 SAM 3.0 R1 through R3	Network element supported as per 5620 SAM Release Description.

Telco T5 Compact Release 5.10.1

Table 363: Telco 5.10.1

5620 SAM Release	Compatibility Statement (Telco 5.10.1)
5620 SAM 3.0 R1 and above	Network element not supported.
5620 SAM 2.1 R1 through R5	Network element supported as per 5620 SAM Release Description.

3.12 Alcatel-Lucent OmniSwitch

Alcatel-Lucent OmniSwitch Series 6.6.2

Table 364: OmniSwitch 6250 Series 6.6.2.259 R01 [6250]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.6.2.259 R01 [6250])
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **FPGA Upgrade**. 5620 SAM does not support FPGA Upgrade for 6.6.2 nodes due to a limitation on the node.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **FPGA Upgrade**. 5620 SAM does not support FPGA Upgrade for 6.6.2 nodes due to a limitation on the node.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **OAM**. 5620 SAM does not support OAM for 6.6.2 nodes. **FPGA Upgrade**. 5620 SAM does not support FPGA Upgrade for 6.6.2 nodes. **(PTS 584852) Deployment Failure with QoS Condition 802.1p Layer 2**. QoS Condition with 802.1p Layer 2 filtering criteria enabled results in a deployment failure. Work-around: create the entry via the router and resync into 5620 SAM.

Alcatel-Lucent OmniSwitch Series 6.6.1

Table 365: OmniSwitch 6250 Series 6.6.1.791 R01 [6250]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.6.1. 791 R01 [6250])
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Alcatel-Lucent OmniSwitch Series 6.4.4

Table 366: OmniSwitch Series 6.4.4 R01 [6850 / 6850E / 6400 / 6855 / 6855U24X / 9700E / 9800E]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.4.4.R01 GA Release [6850 / 6850E/ 6400 / 6855 / 6855U24X / 9700E / 9800E])
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **(PTS 609292) Routing Instance Deployment Failure.** 5620 SAM does not support creation of more than 8 VRFs (routing instances) on 6855U24X node.

Alcatel-Lucent OmniSwitch Series 6.4.3

Table 367: OmniSwitch Series 6.4.3.717 R01 [6850 / 6400 / 6855[6855U24x] / 9600 / 9700 / 9800 / 9700E / 9800E]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.4.3.717 R01 [6850 / 6400 / 6855[6855U24x] / 9600 / 9700 / 9800 / 9700E / 9800E])
5620 SAM 9.0 R1	Network elements supported as per 5620 SAM Release Description.
5620 SAM 8.0 R5 through R8	Network elements supported as per 5620 SAM Release Description.

Alcatel-Lucent OmniSwitch Series 6.4.2

Table 368: OmniSwitch Series 6.4.2.968 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.4.2.968 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E])
5620 SAM 9.0 R1	Network elements supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R8	Network elements supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R2	Only 9700E and 9800E Omniswitch Series 6.4.2 are supported as per 5620 SAM Release Description.

Alcatel-Lucent OmniSwitch Series 6.3.4

Table 369: OmniSwitch Series 6.3.4.621 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.4.621 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800])
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: 5620 SAM only support 9600/9700/9800 as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Link Aggregation Groups.** 5620 SAM does not support Link Aggregation Groups (LAGs).

Table 370: OmniSwitch Series 6.3.4 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.4 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800])
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: 5620 SAM only support 9600/9700/9800 as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Link Aggregation Groups.** 5620 SAM does not support Link Aggregation Groups (LAGs).

Alcatel-Lucent OmniSwitch Series 6.3.3

Table 371: OmniSwitch Series 6.3.3.305 R01 [6400]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.3.305 R01 [6400])
5620 SAM 8.0 R5 and above	Network element not supported.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Link Aggregation Groups.** 5620 SAM does not support Link Aggregation Groups (LAGs).
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 372: OmniSwitch Series 6.3.3 R01 [6400]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.3 R01 [6400])
5620 SAM 8.0 R3 and above	Network element not supported.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Link Aggregation Groups.** 5620 SAM does not support Link Aggregation Groups (LAGs).
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.

Alcatel-Lucent OmniSwitch Series 6.3.2

Table 373: OmniSwitch Series 6.3.2 R01 [6855]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.2 R01 [6855])
5620 SAM 8.0 R5 and above	Network element not supported.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Link Aggregation Groups**. 5620 SAM does not support Link Aggregation Groups (LAGs).
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.

Alcatel-Lucent OmniSwitch Series 6.3.1

Table 374: OmniSwitch Series 6.3.1.1176 R01 [6850]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.1.1176 R01 [6850])
5620 SAM 8.0 R5 and above	Network element not supported.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R3 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R2	Network element supported as per 5620 SAM Release Description with the following limitations: **Link Aggregation Groups**. 5620 SAM does not support Link Aggregation Groups (LAGs).
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 375: OmniSwitch Series 6.3.1.1176 R01 [9600 / 9700 / 9800]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.1.1176 R01 [9600 / 9700 / 9800])
5620 SAM 8.0 R5 and above	Network element not supported.
5620 SAM 8.0 R1 through R4	Network elements supported as per 5620 SAM Release Description.
5620 SAM 7.0 R3 through R8	Network elements supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R2	Network elements supported with the following limitations: **Link Aggregation Groups**. 5620 SAM does not support Link Aggregation Groups (LAGs).

Table 376: OmniSwitch Series 6.3.1.1085 R01 [6850]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.1.1085 R01 [6850])
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 377: OmniSwitch Series 6.3.1 R01 [6850]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.1 R01 [6850])
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.1 R1 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 6.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

Table 378: OmniSwitch Series 6.3.1 R01 [9600 / 9700 / 9800]

5620 SAM Release	Compatibility Statement (OmniSwitch Series 6.3.1 R01 [9600 / 9700 / 9800])
5620 SAM 8.0 R5 and above	Network element not supported.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R1 through R8	Network element supported as per 5620 SAM Release Description.

3.13 Alcatel-Lucent 9500 Microwave Packet Radio ANSI Release

Alcatel-Lucent 9500 Microwave Packet Radio ANSI Release 3.0

Table 379: 9500 MPR ANSI 3.0

5620 SAM Release	Compatibility Statement (9500 MPR ANSI 3.0)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **N x(1+0).** 5620 SAM does not support multiple radio links between two network elements.

Alcatel-Lucent 9500 Microwave Packet Radio ANSI Release 2.2

Table 380: 9500 MPR ANSI 2.2.1

5620 SAM Release	Compatibility Statement (9500 MPR ANSI 2.2.1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description.

Table 381: 9500 MPR ANSI 2.2.0

5620 SAM Release	Compatibility Statement (9500 MPR ANSI 2.2.0)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Service Discovery**. Discovery of services will discover only one service at a time if Management IP address and System IP address are different.

Alcatel-Lucent 9500 Microwave Packet Radio ANSI Release 2.1

Table 382: 9500 MPR ANSI 2.1

5620 SAM Release	Compatibility Statement (9500 MPR ANSI 2.1)
5620 SAM 8.0 R7 and above	Network element not supported.
5620 SAM 8.0 R5 through R6	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Service Discovery**. Discovery of services will discover only one service at a time if Management IP address and System IP address are different.

Alcatel-Lucent 9500 Microwave Packet Radio ANSI Release 2.0

Table 383: 9500 MPR ANSI 2.0.1

5620 SAM Release	Compatibility Statement (9500 MPR ANSI 2.0.1)
5620 SAM 8.0 R7 and above	Network element not supported.
5620 SAM 8.0 R5 through R6	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Service Discovery**. Discovery of services will discover only one service at a time if Management IP address and System IP address are different.

Table 384: 9500 MPR ANSI 2.0

5620 SAM Release	Compatibility Statement (9500 MPR ANSI 2.0)
5620 SAM 8.0 R7 and above	Network element not supported.
5620 SAM 8.0 R5 through R6	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Service Discovery**. Discovery of services will discover only one service at a time if Management IP address and System IP address are different.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description with the following limitations: **Service Discovery**. Discovery of services will discover only one service at a time if Management IP address and System IP address are different.

Alcatel-Lucent 9500 Microwave Packet Radio ANSI Release 1.2

Table 385: 9500 MPR ANSI 1.2

5620 SAM Release	Compatibility Statement (9500 MPR ANSI 1.2)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description.

3.14 Alcatel-Lucent 9500 Microwave Packet Radio ETSI Release

Alcatel-Lucent 9500 Microwave Packet Radio ETSI Release 3.0

Table 386: 9500 MPR ETSI 3.0

5620 SAM Release	Compatibility Statement (9500 MPR ETSI 3.0)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description with the following limitations: **N x(1+0).** 5620 SAM does not support multiple radio links between two network elements.

Alcatel-Lucent 9500 Microwave Packet Radio ETSI Release 2.1

Table 387: 9500 MPR ETSI 2.1

5620 SAM Release	Compatibility Statement (9500 MPR ETSI 2.1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description.

Alcatel-Lucent 9500 Microwave Packet Radio ETSI Release 1.4

Table 388: 9500 MPR ETSI 1.4

5620 SAM Release	Compatibility Statement (9500 MPR ETSI 1.4)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Service Discovery**. Discovery of services will discover only one service at a time if Management IP address and System IP address are different.

Alcatel-Lucent 9500 Microwave Packet Radio ETSI Release 1.3

Table 389: 9500 MPR ETSI 1.3.0 and 1.3.1

5620 SAM Release	Compatibility Statement (9500 MPR ETSI 1.3.0 and 1.3.1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R1 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Service Discovery**. Discovery of services will discover only one service at a time if Management IP address and System IP address are different.

Alcatel-Lucent 9500 Microwave Packet Radio ETSI Release 1.2

Table 390: 9500 MPR ETSI 1.2.1 and 1.2.2

5620 SAM Release	Compatibility Statement (9500 MPR ETSI 1.2.1 and 1.2.2)
5620 SAM 8.0 R3 and above	Network element not supported.
5620 SAM 8.0 R1 through R2	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R5 through R8	Network element supported as per 5620 SAM Release Description.
5620 SAM 7.0 R3 through R4	Network element supported as per 5620 SAM Release Description with the following limitations: **Admission Control**. 5620 SAM does not support Admission Control. **TDM Statistics**. 5620 SAM does not support TDM Statistics.

Table 391: 9500 MPR ETSI 1.2.0

5620 SAM Release	Compatibility Statement (9500 MPR ETSI 1.2.0)
5620 SAM 8.0 R1 and above	Network element not supported.
5620 SAM 7.0 R3 through R8	Network element supported as per 5620 SAM Release Description.

3.15 Alcatel-Lucent 1830 Photonic Service Switch

Alcatel-Lucent 1830 Photonic Service Switch Release 2.5

Table 392: 1830 PSS-32 Release 2.5.0 / 2.5.1

5620 SAM Release	Compatibility Statement (1830 PSS-32 Release 2.5.0 / 2.5.1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description.

Table 393: 1830 PSS-16 Release 2.5.0 / 2.5.1

5620 SAM Release	Compatibility Statement (1830 PSS-16 Release 2.5.0 / 2.5.1)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description.

Table 394: 1830 PSS-1 GBEH Release 2.5.0

5620 SAM Release	Compatibility Statement (1830 PSS-1 GBEH Release 2.5.0)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description.

Alcatel-Lucent 1830 Photonic Service Switch Release 1.5

Table 395: 1830 PSS-1 MD4H Release 1.5.0

5620 SAM Release	Compatibility Statement (1830 PSS-1 MD4H Release 1.5.0)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description.

Alcatel-Lucent 1830 Photonic Service Switch Release 1.0

Table 396: 1830 PSS-1 AHP Release 1.0

5620 SAM Release	Compatibility Statement (1830 PSS-1 AHP Release 1.0)
5620 SAM 9.0 R1	Network element supported as per 5620 SAM Release Description.
5620 SAM 8.0 R7 through R8	Network element supported as per 5620 SAM Release Description.

4 Document release history

The following table lists the 5620 *SAM Network Element Compatibility Guide* release history.

Document version	Issue date	Description of changes
1.0	February 8, 2006	Initial issue
1.1	February 22, 2006	General – Added document history table
		General – Document updated for 5620 SAM 3.0 R5
		Section 2.2.2 – Created new table to describe compatibility issues with 7450 ESS 2.0 R10
1.2	March 2, 2006	Section 2.1.1 – Created new table to describe compatibility issues with 7750 SR 3.0 R7
		Section 2.2.1 – Updated table to include 7450 ESS 3.0 R7
1.3	April 6, 2006	General – Document updated for 5620 SAM 3.0 R6
		General – Document updated for 7750 SR 3.0 R8 and 7450 ESS 3.0 R8
		Section 2.1.2 – Updated table to include 7750 SR 2.1 R13 and 7750 SR 2.1 R14
		Section 2.3.1 – New table to indicate compatibility with 7250 SAS 1.0 R6.1.
1.4	May 10,2006	General – Document updated for 5620 SAM 3.0 R7
		General – Document updated for 7750 SR 3.0 R9 and 7450 ESS 3.0 R9
		Section 2.1.2 – Updated table to include 7750 SR 2.1 R15
		Section 2.4.1 – Created new table to describe compatibility issues with Telco 6.3.12
1.5	June 28, 2006	General – Document updated to new template format
		General – Document updated for 5620 SAM 4.0 R1
		General – Document updated for 7750 SR 4.0 R1/R2 and 7450 ESS 4.0 R1/R2
		General – Document updated for 7710 SR 3.0 R1 through R3
		General – Document updated for 7750 SR 3.0 R11 and 7450 ESS 3.0 R11
		General – Document updated for 7750 SR 3.0 R10 and 7450 ESS 3.0 R10
		General – Document updated for 7750 SR 2.1 R16
		General – Document updated for 7250 1.0 R7

Document version	Issue date	Description of changes
1.6	July 6, 2006	General – Document updated for 7750 SR 4.0 R3 and 7450 ESS 4.0 R3
1.7	July 19, 2006	General – Document updated for 5620 SAM 3.0 R8
		General – Document updated for Telco 6.3.13
1.8	July 26, 2006	General – Document updated for 5620 SAM 4.0 R2
1.9	August 3, 2006	General – Document updated for 7750 SR 4.0 R4 and 7450 ESS 4.0 R4
		General – Document updated for 7750 SR 3.0 R12 and 7450 ESS 3.0 R12
1.10	August 9, 2006	General – Document updated for 7710 SR 3.0 R5
1.11	August 25, 2006	General – Document updated for 7750 SR 3.0 R13 and 7450 ESS 3.0 R13
		General – Document updated for 7750 SR 2.1 R17
		General – Document updated for 7710 SR 3.0 R6
	August 30, 2006	General – Document updated for 7750 SR 4.0 R5 and 7450 ESS 4.0 R5
		General – Document updated for 5620 SAM 4.0 R3
1.12	September 19, 2006	General – Document updated for 5620 SAM 3.0.R9
1.13	September 27, 2006	General – Document updated for 5620 SAM 4.0 R4
		General – Document updated for 7750 SR 3.0 R14 and 7450 ESS 3.0 R14
		General – Document updated for 7750 SR 4.0 R6 and 7450 ESS 4.0 R6
		General – Document updated for 7710 SR 3.0 R7
1.14	October 25, 2006	General – Document updated for 5620 SAM 4.0.R5
1.15	November 6, 2006	General – Document updated for 7750 SR 3.0 R15 and 7450 ESS 3.0 R15
		General – Document updated for 7750 SR 4.0 R7 and 7450 ESS 4.0 R7
		General – Document updated for 7710 SR 3.0 R8
		General – Document updated for 7750 SR 2.1 R18

Document version	Issue date	Description of changes
1.16	December 1, 2006	General – Document updated for 5620 SAM 3.0 R10
		General – Document updated for 5620 SAM 4.0 R6
		General – Document updated for 7750 SR 3.0 R16 and 7450 ESS 3.0 R16
		General – Document updated for 7710 SR 3.0 R9
		General – Document updated for 7250 SAS 2.0 R1
1.17	December 7, 2006	General – Document updated for 7750 SR 4.0 R8 and 7450 ESS 4.0 R8
1.18	December 15, 2006	General – Document updated for 7750 SR 4.0 R9 and 7450 ESS 4.0 R9
1.19	January 25, 2007	General – Document updated for 5620 SAM 4.0 R7
		General – Document updated for 7710 SR 3.0 R10
1.20	February 13, 2007	General – Document updated for 7750 SR 3.0 R17 and 7450 ESS 3.0 R17
		General – Document updated for 7750 SR 4.0 R10 and 7450 ESS 4.0 R10
1.21	February 27, 2007	General – Document updated for 5620 SAM 4.0 R8
		General – Document updated for 7710 SR 3.0 R11
		General – Document updated for 7750 SR 4.0 R11 and 7450 ESS 4.0 R11
1.22	March 14, 2007	General – Document updated for 5620 SAM 4.0 R9
		General – Document updated to reflect correct versions of 7250 support
1.23	April 18, 2007	General – Document updated for 5620 SAM 5.0 R1
		General – Document updated for 7750 SR 5.0 R2 and 7450 ESS 5.0 R2
		General – Document updated for 7750 SR 5.0 R1 and 7450 ESS 5.0 R1
		General – Document updated for 7750 SR 4.0 R12 and 7450 ESS 4.0 R12
		General – Document updated for 7750 SR 3.0 R18 and 7450 ESS 3.0 R18
		General – Document updated for 7250 SAS 1.0 R8

Document version	Issue date	Description of changes
1.24	May 22, 2007	General – Document updated for 5620 SAM 5.0 R2
		General – Document updated for 7750 SR 5.0 R3 and 7450 ESS 5.0 R3
		General – Document updated for 7710 SR 5.0 R3
		General – Document updated for 7750 SR 4.0 R13 and 7450 ESS 4.0 R13
		General – Document updated for 7710 SR 3.0 R12
		General – Document updated for 7250 SAS 2.0 R5
1.25	May 30, 2007	General – Document updated for 5620 SAM 4.0 R10
1.26	June 27, 2007	General – Document updated for 5620 SAM 5.0 R3
		General – Document updated for 5620 SAM 4.0 R11
		General – Document updated for 7750 SR 5.0 R4 and 7450 ESS 5.0 R4
		General – Document updated for 7750 SR 4.0 R14 and 7450 ESS 4.0 R14
		General – Document updated for 7750 SR 3.0 R19 and 7450 ESS 3.0 R19
		General – Document updated for 7710 SR 5.0 R4
		General – Document updated for 7250 SAS 2.0 R5.1
1.27	July 9, 2007	General – Document updated for 7750 SR 5.0 R5 and 7450 ESS 5.0 R5
		General – Document updated for 7710 SR 5.0 R5
1.28	July 20, 2007	General – Document updated for 5620 SAM 5.0 R4
		General – Document updated for 7710 SR 3.0 R13
1.29	August 17, 2007	General – Document updated for 5620 SAM 5.0 R5
		General – Document updated for 7750 SR 5.0 R6 and 7450 ESS 5.0 R6
		General – Document updated for 7710 SR 5.0 R6
		General – Document updated for 7710 SR 3.0 R14
		General – Document updated for 7250 SAS 2.0 R5.2
		General – Document updated for Telco 6.5.2

Document version	Issue date	Description of changes
1.30	September 6, 2007	General – Document updated for 7750 SR 5.0 R7 and 7450 ESS 5.0 R7
		General – Document updated for 7710 SR 5.0 R7
		General – Document updated for 7750 SR 4.0 R15 and 7450 ESS 4.0 R15
1.31	September 10, 2007	General – Document updated for 5620 SAM 5.0 R6
		General – Document updated for 7750 SR 5.0 R8 and 7450 ESS 5.0 R8
		General – Document updated for 7710 SR 5.0 R8
		General – Document updated for 7750 SR 4.0 R16 and 7450 ESS 4.0 R16
1.32	October 18, 2007	General – Document updated for 5620 SAM 5.0 R7
		General – Document updated for 7750 SR 3.0 R20 and 7450 ESS 3.0 R20
1.33	November 5, 2007	General – Document updated for 7750 SR 5.0 R9 and 7450 ESS 5.0 R9
		General – Document updated for 7710 SR 5.0 R9
		General – Document updated for 7750 SR 4.0 R17 and 7450 ESS 4.0 R17
		General – Document updated for 7710 SR 3.0 R15
1.34	November 22, 2007	General – Document updated for 5620 SAM 5.0 R8
1.35	December 14, 2007	General – Document updated for 7750 SR 5.0 R10 and 7450 ESS 5.0 R10
		General – Document updated for 7710 SR 5.0 R10
		General – Document updated for 7750 SR 4.0 R18 and 7450 ESS 4.0 R18
1.36	December 20, 2007	General – Document updated for 5620 SAM 4.0 R12
		General – Document updated for 7250 SAS 2.0 R7.1
		General – Document updated for Telco 6.5.5
1.37	February 1, 2008	General – Document updated for 5620 SAM 5.0 R9
1.38	February 13, 2008	General – Document updated for 7750 SR 5.0 R11 and 7450 ESS 5.0 R11
		General – Document updated for 7710 SR 5.0 R11
		Correction – Update made for OAM tests ranges for 7xx0 5.0 routers

Document version	Issue date	Description of changes
1.39	February 25, 2008	General – Document updated for 7750 SR 5.0 R12 and 7450 ESS 5.0 R12
		General – Document updated for 7710 SR 5.0 R12
		General – Document updated for 7750 SR 4.0 R19 and 7450 ESS 4.0 R19
		General – Document updated for 7250 SAS 2.0 R8
		General – Document updated for 7250 SAS 2.0 R8.1
		Correction – Update made for OAM tests ranges for 7x50 4.0 routers
1.40	March 24, 2008	General – Document updated for 7750 SR 5.0 R13 and 7450 ESS 5.0 R13
		General – Document updated for 7710 SR 5.0 R13
1.41	April 14, 2008	General – Document updated for 5620 SAM 5.0 R10
1.42	April 25, 2008	General – Document updated for 5620 SAM 6.0 R1
		General – Document updated for 7750 SR 6.0 R2 and 7450 ESS 6.0 R2
		General – Document updated for 7710 SR 6.0 R2
		General – Document updated for 7750 SR 6.0 R1 and 7450 ESS 6.0 R1
		General – Document updated for 7710 SR 6.0 R1
		General – Document updated for 7750 SR 5.0 R14 and 7450 ESS 5.0 R14
		General – Document updated for 7710 SR 5.0 R14
		General – Document updated for 7250 SAS 3.0 R3 (Pending official release)
		General – Document updated for OmniSwitch 6850 Series 6.3.1 R01
1.43	May 5, 2008	General – Document updated for 7750 SR 6.0 R3 and 7450 ESS 6.0 R3
		General – Document updated for 7710 SR 6.0 R3
		General – Document updated for 7250 SAS 3.0 R3 (official release)
1.44	May 9, 2008	General – Document updated for 7250 SAS 3.0 R3.1
1.45	May 20, 2008	General – Document updated for 5620 SAM 6.0 R2
		General – Document updated for 7705 SAR 1.0 R1

Document version	Issue date	Description of changes
1.46	May 29, 2008	General – Document updated for 7750 SR 6.0 R4 and 7450 ESS 6.0 R4
		General – Document updated for 7710 SR 6.0 R4
		General – Document updated for 7750 SR 5.0 R15 and 7450 ESS 5.0 R15
		General – Document updated for 7710 SR 5.0 R15
1.47	June 12, 2008	General – Document updated for 7250 SAS 2.0 R9
1.48	June 28, 2008	General – Document updated for 5620 SAM 6.0 R3
		General – Document updated for 7750 SR 5.0 R16 and 7450 ESS 5.0 R16
		General – Document updated for 7710 SR 5.0 R16
		General – Document updated for 7705 SAR 1.0 R2
1.49	July 9, 2008	General – Document updated for 5620 SAM 5.0 R11
1.50	July 29, 2008	General – Document updated for 5620 SAM 6.0 R4
		General – Document updated for 7750 SR 6.0 R5 and 7450 ESS 6.0 R5
		General – Document updated for 7710 SR 6.0 R5
		General – Document updated for 7750 SR 6.0 R6 and 7450 ESS 6.0 R6
		General – Document updated for 7710 SR 6.0 R6
		General – Document updated for 7750 SR 4.0 R20 and 7450 ESS 4.0 R20
1.51	August 27, 2009	General – Document updated for 5620 SAM 6.0 R5
		General – Document updated for 7750 SR 6.0 R7 and 7450 ESS 6.0 R7
		General – Document updated for 7710 SR 6.0 R7
		General – Document updated for 7750 SR 5.0 R18 and 7450 ESS 5.0 R18
		General – Document updated for 7710 SR 5.0 R18
		General – Document updated for 7750 SR 5.0 R17 and 7450 ESS 5.0 R17
		General – Document updated for 7710 SR 5.0 R17
		General – Document updated for 7705 SAR 1.0 R4
		General – Document updated for 7705 SAR 1.0 R3

Document version	Issue date	Description of changes
1.52	September 24, 2008	General – Document updated for 5620 SAM 6.1 R1
		General – Document updated for 7750 SR 6.1 R2 and 7450 ESS 6.1 R2
		General – Document updated for 7710 SR 6.1 R2
		General – Document updated for 7750 SR 6.1 R1 and 7450 ESS 6.1 R1
		General – Document updated for 7710 SR 6.1 R1
		General – Document updated for 7750 SR 6.0 R8 and 7450 ESS 6.0 R8
		General – Document updated for 7710 SR 6.0 R8
		General – Document updated for 7750 SR 5.0 R19 and 7450 ESS 5.0 R19
		General – Document updated for 7710 SR 5.0 R19
		General – Document updated for 7705 SAR 1.0 R5
		General – Document updated for OmniSwitch 6855 Series 6.3.2 R01
		General – Document updated for OmniSwitch 6400 Series 6.3.3 R01
1.53	October 1, 2008	General – Document updated for 7750 SR 6.1 R3 and 7450 ESS 6.1 R3
		General – Document updated for 7710 SR 6.1 R3
1.54	October 23, 2008	General – Document updated for 5620 SAM 6.0 R6
		General – Document updated for 7750 SR 5.0 R20 and 7450 ESS 5.0 R20
		General – Document updated for 7710 SR 5.0 R20
		General – Document updated for 7705 SAR 1.0 R6
		General – Document updated for 7250 SAS 3.0 R4.1
1.55	November 5, 2008	General – Document updated for 5620 SAM 6.1 R2
		General – Document updated for 7750 SR 6.0 R9 and 7450 ESS 6.0 R9
		General – Document updated for 7710 SR 6.0 R9
		General – Document updated for 7750 SR 6.1 R4 and 7450 ESS 6.1 R4
		General – Document updated for 7710 SR 6.1 R4
1.56	November 6, 2008	Correction – Document corrected for IOM Soft Reset support

Document version	Issue date	Description of changes
1.57	November 23, 2008	General – Document updated for 5620 SAM 6.1 R3
		General – Document updated for 7705 SAR 1.1 R1
1.58	December 4, 2008	General – Document updated for 5620 SAM 6.0 R7
		General – Document updated for 7750 SR 5.0 R21 and 7450 ESS 5.0 R21
		General – Document updated for 7710 SR 5.0 R21
		Correction – Document correction/update for 7450 ESS 6.0 R9
1.59	December 19, 2008	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R5
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R10
		General – Document updated for 7705 SAR 1.0 R7
		General – Document updated for 7250 SAS 3.0 R5
1.60	December 22, 2008	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 5.0 R22
1.61	January 29, 2009	General – Document updated for 5620 SAM 6.1 R4
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R6
		General – Document updated for 7750 SR / 7450 ESS 4.0 R21
		General – Document updated for 7705 SAR 1.1 R2
		General – Document updated for 7250 SAS 2.0 R11
1.62	March 9, 2009	General – Document updated for 5620 SAM 6.0 R8
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R11
		General – Document updated for 7250 SAS 3.0 R6
1.63	March 20, 2009	General – Document updated for 5620 SAM 6.1 R5
		General – Document updated for 7705 SAR 1.1 R3
1.64	April 16, 2009	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R7
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R8
		General – Document updated for 7250 SAS 2.0 R12

Document version	Issue date	Description of changes
1.65	April 22, 2009	General – Document updated for 5620 SAM 7.0 R1
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R2
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R1
		General – Document updated for 7705 SAR 2.0 R2
		General – Document updated for 7705 SAR 2.0 R1
		General – Document updated for 7210 SAS-E 1.0 R3
		General – Document updated for 7250 SAS 2.0 R13
		General – Document updated for OmniSwitch 9600 Series 6.3.1 R01
		General – Document updated for OmniSwitch 9700 Series 6.3.1 R01
		General – Document updated for OmniSwitch 9800 Series 6.3.1 R01
1.66	May 1, 2009	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R12
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 5.0 R23
1.67	May 6, 2009	General – Document updated for OmniSwitch 6850 Series 6.3.1.1085 R01
		General – Document updated for OmniSwitch 6400 Series 6.3.3.305 R01
1.68	May 8, 2009	General – Document updated for 5620 SAM 6.1 R6
1.69	May 22, 2009	General – Document updated for 5620 SAM 7.0 R2
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R9
		General – Document updated for 7705 SAR 2.0 R3
1.70	June 4, 2009	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R3
		General – Document updated for 7210 SAS-E 1.0 R4
		General – Document updated for 7250 SAS 3.0 R7
1.71	June 24, 2009	General – Document updated for 5620 SAM 7.0 R3
		General – Document updated for 9500 MPR 1.2.0

Document version	Issue date	Description of changes
1.72	July 23, 2009	General – Document updated for 5620 SAM 6.1 R7
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R13
		General – Document updated for 7705 SAR 2.0 R4
		General – Document updated for 7705 SAR 1.1 R4
		General – Document updated for OmniSwitch 6850 Series 6.3.1.1116 R01
		General – Document updated for OmniSwitch 9600 Series 6.3.1.1116 R01
		General – Document updated for OmniSwitch 9700 Series 6.3.1.1116 R01
		General – Document updated for OmniSwitch 9800 Series 6.3.1.1116 R01
1.73	September 16, 2009	General – Document updated for 5620 SAM 7.0 R4
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R4
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R10
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R14
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 5.0 R24
		General – Document updated for 7210 SAS-E 1.0 R5
		General – Document updated for OmniSwitch 6400 Series 6.3.4 R01
		General – Document updated for OmniSwitch 6850 Series 6.3.4 R01
		General – Document updated for OmniSwitch 6855 Series 6.3.4 R01
		General – Document updated for OmniSwitch 9600 Series 6.3.4 R01
		General – Document updated for OmniSwitch 9700 Series 6.3.4 R01
		General – Document updated for OmniSwitch 9800 Series 6.3.4 R01
		General – Document updated for 7250 SAS 3.0 R8
1.74	September 29, 2009	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R11
1.75	October 8, 2009	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R5

Document version	Issue date	Description of changes
1.76	October 16, 2009	General – Document updated for 5620 SAM 7.0 R5
		General – Document updated for 7705 SAR 2.1 R2
		General – Document updated for 7705 SAR 2.1 R1
		General – Document updated for 7705 SAR 2.0 R5
		General – Document updated for 7210 SAS-E 1.1 R3
		General – Document updated for 7210 SAS-M 1.1 R3
		General – Document updated for OmniSwitch 6400 Series 6.3.4.483 R01
		General – Document updated for OmniSwitch 6850 Series 6.3.4.483 R01
		General – Document updated for OmniSwitch 6855 Series 6.3.4.483 R01
		General – Document updated for OmniSwitch 9600 Series 6.3.4.483 R01
		General – Document updated for OmniSwitch 9700 Series 6.3.4.483 R01
		General – Document updated for OmniSwitch 9800 Series 6.3.4.483 R01
		General – Document updated for 9500 MPR ANSI 2.0.0
		General – Document updated for 9500 MPR ETSI 1.2.2
		General – Document updated for 9500 MPR ETSI 1.2.1
1.77	November 9, 2009	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R15
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 5.0 R25
1.78	November 20, 2009	General – Document updated for 5620 SAM 6.1 R8
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R12
1.79	December 12, 2009	General – Document updated for 5620 SAM 7.0 R6
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R6
		General – Document updated for 7210 SAS-E 1.1 R4
		General – Document updated for 7210 SAS-M 1.1 R4

Document version	Issue date	Description of changes
1.80	December 29, 2009	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R13
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R16
		General – Document updated for 7705 SAR 2.1 R3
		General – Document updated for 7210 SAS-E 1.1 R5
		General – Document updated for 7210 SAS-M 1.1 R5
1.81	February 3, 2010	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R7
		General – Document updated for 7250 SAS 2.0 R10
1.82	March 22, 2010	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R8
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R14
		General – Document updated for 7210 SAS-E 1.1 R6
		General – Document updated for 7210 SAS-M 1.1 R6
		General – Document updated for 7210 SAS-E 1.0 R6

Document version	Issue date	Description of changes
1.83	April 21, 2010	General – Document updated for 5620 SAM 8.0 R1
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R2
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R1
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R9
		General – Document updated for 7705 SAR 3.0 R1
		General – Document updated for 7210 SAS-M 24F2XFP 1.1 R6
		General – Document updated for 7250 SAS 3.0 R9
		General – Document updated for OmniSwitch 6850 / 6400 / 6855 Series 6.3.4.570 R01
		General – Document updated for OmniSwitch 9600 / 9700 / 9800 Series 6.3.4.570 R01
		General – Document updated for OmniSwitch 9700E / 9800E Series 6.4.2.933 R01
		General – Document updated for OmniSwitch 6250 Series 6.6.1.699 R01
		General – Document updated for 9500 MPR ANSI 2.0.1
		General – Document updated for 9500 MPR ETSI 1.3
		General – Updated OLCS URL for obtaining NE Compatibility Guide updates
1.84	May 14, 2010	General – Document updated for 5620 SAM 7.0 R7
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R15
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R17
		General – Document updated for 9500 MPR ETSI 1.3.1
		General – Document updated for 7705 SAR 2.1 R4
		General – Document updated for 7210 SAS-E 1.1 R7
		General – Document updated for 7210 SAS-M 1.1 R7
		General – Document updated for 7210 SAS-M 24F2XFP 1.1 R7
1.85	June 1, 2010	General – Document updated for 5620 SAM 8.0 R2

Document version	Issue date	Description of changes
1.86	June 29, 2010	General – Document updated for 5620 SAM 8.0 R3
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R3
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R11
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R10
		General – Document updated for 7705 SAR 3.0 R2
		General – Document updated for 7210 SAS-E / SAS-M 2.0 R1
		General – Document updated for 7210 SAS-M 24F2XFP 2.0 R1
		General – Document updated for 7210 SAS-M 24F2XFP ETR 2.0 R1
		General – Document updated for 7750 MG 2.0 R1 (Tentative)
		General – Document updated for 9471 MME LM 2.1 (R21.70.07.02)
		General – Document updated for 5780 DSC 2.0 R1
		General – Document updated for 9500 MPR ANSI 2.1
		General – Document updated for 9500 MPR ETSI 1.4
		General – Document updated for 7210 SAS-E / SAS-M 1.1 R8
		General – Document updated for 7210 SAS-M 24F2XFP 1.1 R8
1.87	June 30, 2010	General – Document updated for OmniSwitch Series 6.6.1.728 R01 [6250]
		General – Document updated for OmniSwitch Series 6.4.2.954 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E]
		General – Document updated for OmniSwitch Series 6.3.4.601 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800]
		General – Document updated for OmniSwitch Series 6.3.1.1176 R01 [6850 / 9600 / 9700 / 9800]
		General – Miscellaneous corrections

Document version	Issue date	Description of changes
1.88	July 23, 2010	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R16
		General – Document updated for 7210 SAS-E / SAS-M 1.1 R9
		General – Document updated for 7210 SAS-M 24F2XFP 1.1 R9
		General – Document updated for 7210 SAS-M 24F2XFP ETR 1.1 R9
		General – Document updated for 7210 SAS-M 24F2XFP ETR 1.1 R8
		General – Document updated for 7750 MG 2.0 R2
		General – Document updated for 7750 MG 2.0 R1
		General – Document updated for 5780 DSC 2.0 R1
1.89	August 3, 2010	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R12
		General – Document updated for 9500 MPR ANSI 2.2
		General – Updates/corrections for 9500 MPR 2.1
		General – Updates/corrections for 7210 SAS 1.1
1.90	August 26, 2010	General – Document updated for 5620 SAM 8.0 R4
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R18
		General – Document updated for 7705 SAR 3.0 R3
		General – Document updated for 7210 SAS-E / SAS-M 2.0 R2
		General – Document updated for 7210 SAS-M 24F2XFP 2.0 R2
		General – Document updated for 7210 SAS-M 24F2XFP ETR 2.0 R2
		General – Document updated for OmniSwitch Series 6.6.2.242 R01 [6250]
		General – Document updated for 7750 MG 2.0 R3
		General – Document updated for 7750 MG 2.0 R4
1.91	August 28, 2010	General – Document updated for 5620 SAM 7.0 R8

Document version	Issue date	Description of changes
1.92	September 9, 2010	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R4
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R13
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R17
		General – Document updated for 7210 SAS-E / SAS-M 2.0 R3
		General – Document updated for 7210 SAS-M 24F2XFP 2.0 R3
		General – Document updated for 7210 SAS-M 24F2XFP ETR 2.0 R3
1.93	October 22, 2010	General – Document updated for 5620 SAM 8.0 R5
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R5
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R18
		General – Document updated for 7705 SAR 3.0 R4
		General – Document updated for 7210 SAS-E / SAS-M 2.0 R4
		General – Document updated for 7210 SAS-M 24F2XFP 2.0 R4
		General – Document updated for 7210 SAS-M 24F2XFP ETR 2.0 R4
		General – Document updated for 7210 SAS-E / SAS-M 1.1 R10
		General – Document updated for 7210 SAS-M 24F2XFP 1.1 R10
		General – Document updated for 7750 MG 2.0 R8
		General – Document updated for 9412 / 9926 eNodeB LA2.0.2 MIB Ed.02p05, MIM5.3.8
		General – Document updated for OmniSwitch Series 6.6.2.249 R01 [6250]
		General – Document updated for OmniSwitch Series 6.4.3.640 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E]
		General – Document updated for 9500 MPR ETSI 2.1
		General – Document updated for 9500 MPR ANSI 1.2
1.94	November 2, 2010	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R14
		General – Corrections made for supported eNodeB MIB and MIM versions

Document version	Issue date	Description of changes
1.95	November 26, 2010	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R6
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.0 R19
		General – Document updated for 7210 SAS-E / SAS-M 2.0 R5
		General – Document updated for 7210 SAS-M 24F2XFP 2.0 R5
		General – Document updated for 7210 SAS-M 24F2XFP ETR 2.0 R5
		General – Document updated for 7210 SAS-X 2.0 R5
1.96	November 27, 2010	General – Document updated for 5620 SAM 8.0 R6
		General – Document updated for 9412 / 9926 eNodeB LA3.0.0 MIB Ed.03p06.1, MIM7.5.1
		General – Updated OLCS URL for obtaining NE Compatibility Guide updates
1.97	December 17, 2010	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 6.1 R19
		General – Correction made for supported eNodeB LA3.0 MIB and MIM version
1.98	December 20, 2010	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R15

Document version	Issue date	Description of changes
1.99	January 19, 2011	General – Document updated for 5620 SAM 8.0 R7
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R7
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R16
		General – Document updated for 7210 SAS-E / SAS-M 3.0 R1
		General – Document updated for 7210 SAS-M 24F2XFP 3.0 R1
		General – Document updated for 7210 SAS-M 24F2XFP ETR 3.0 R1
		General – Document updated for 7210 SAS-X 3.0 R1
		General – Document updated for 7210 SAS-E / SAS-M 1.1 R11
		General – Document updated for 7210 SAS-M 24F2XFP 1.1 R11
		General – Document updated for 7210 SAS-M 24F2XFP ETR 1.1 R11
		General – Document updated for 7750 MG 2.0 R14
		General – Document updated for 9412 / 9926 eNodeB LA3.0.1 / LA3.0.2 MIB Ed.03p06.1, MIM7.5.1
		General – Document updated for OmniSwitch Series 6.6.1.791 R01 [6250]
		General – Document updated for OmniSwitch Series 6.4.3.668 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E]
		General – Document updated for OmniSwitch Series 6.4.2.968 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800 / 9700E / 9800E]
		General – Document updated for OmniSwitch Series 6.3.4.621 R01 [6850 / 6400 / 6855 / 9600 / 9700 / 9800]
		General – Document updated for 9500 MPR ANSI 2.2.1
		General – Document updated for 1830 PSS-32 Release 2.5.1
		General – Document updated for 1830 PSS-32 Release 2.5.0
		General – Document updated for 1830 PSS-16 Release 2.5.1
		General – Document updated for 1830 PSS-16 Release 2.5.0
		General – Document updated for 1830 PSS-1 GBEH Release 2.5.0
		General – Document updated for 1830 PSS-1 MD4H Release 1.5.0
		General – Document updated for 1830 PSS-1 AHP Release 1.0

Document version	Issue date	Description of changes
1.100	March 29, 2011	General – Document updated for 5620 SAM 8.0 R8
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R9
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R17
		General – Document updated for 7210 SAS-E / SAS-M 2.0 R6
		General – Document updated for 7210 SAS-M 24F2XFP 2.0 R6
		General – Document updated for 7210 SAS-M 24F2XFP ETR 2.0 R6
		General – Document updated for 7210 SAS-X 2.0 R6
		General – Document updated for 9471 MME LM3.0 (R22.30.02)
1.101	April 15, 2011	General – Document updated for 5620 SAM 9.0 R1
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 9.0 R2
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 9.0 R1
		General – Document updated for 7705 SAR 4.0 R2
		General – Document updated for 7705 SAR 4.0 R1
		General – Document updated for 7210 SAS-E / SAS-M 3.0 R3
		General – Document updated for 7210 SAS-M 24F2XFP 3.0 R3
		General – Document updated for 7210 SAS-M 24F2XFP ETR 3.0 R3
		General – Document updated for 7210 SAS-X 3.0 R3
		General – Document updated for 7210 SAS-E / SAS-M 3.0 R2
		General – Document updated for 7210 SAS-M 24F2XFP 3.0 R2
		General – Document updated for 7210 SAS-M 24F2XFP ETR 3.0 R2
		General – Document updated for 7210 SAS-X 3.0 R2
		General – Document updated for 7210 SAS-E / SAS-M 2.0 R7
		General – Document updated for 7210 SAS-M 24F2XFP 2.0 R7
		General – Document updated for 7210 SAS-M 24F2XFP ETR 2.0 R7
		General – Document updated for 7210 SAS-X 2.0 R7
		General – Document updated for 7210 SAS-E / SAS-M 1.1 R12

Document version	Issue date	Description of changes
		General – Document updated for 7210 SAS-M 24F2XFP 1.1 R12
		General – Document updated for 7210 SAS-M 24F2XFP ETR 1.1 R12
		General – Document updated for 7750 MG 3.0 R1
		General – Document updated for OmniSwitch Series 6.6.2.259 R01 [6250]
		General – Document updated for OmniSwitch Series 6.4.3.717 R01 [6850 / 6400 / 6855[6855U24x] / 9600 / 9700 / 9800 / 9700E / 9800E]
		General – Document updated for 9500 MPR ANSI 3.0
		General – Document updated for 9500 MPR ETSI 3.0
		General – Document updated for 9412 / 9926 eNodeB TLA3.0.2 MIB Ed.03p07, MIM 8.3.1
		General – Document updated for 9412 / 9926 eNodeB TLA3.0 MIB Ed.03p07, MIM 8.3.1
		General – Document updated for 9412 / 9926 eNodeB TLA2.1 MIB Ed.02p06, MIM 6.4.1
1.102	April 18, 2011	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R18
1.103	April 19, 2011	General – Document updated for 7750 MG 2.0 R18
		General – Document updated for 7750 MG 2.0 R17
		General – Document updated for 7750 MG 2.0 R16
		General – Document updated for 7750 MG 2.0 R15
		General – Document updated for 5780 DSC 3.0 R1
		General – Document updated for 5780 DSC 2.0 R2
1.104	May 10, 2011	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 7.0 R19
		General – Document formatting changes
		General – Miscellaneous document corrections
		General – Document updated for 7750 MG 3.0 R2
		General - Document updated for 7210 SAS-D 3.0 R4
		General - Document updated for 7210 SAS-E 3.0 R4
		General - Document updated for 7210 SAS-M 3.0 R4

Document version	Issue date	Description of changes
		General - Document updated for 7210 SAS-X 3.0 R1 through R4
		General - Document updated for 7210 SAS-X 2.0 R6 through R7
		General - Document updated for 7210 SAS-M 24F2XFP 3.0 R4
		General - Document updated for 7210 SAS-M 24F2XFP ETR 3.0 R4
		General – Document updated for OmniSwitch Series 6.4.4 R01 [6850 / 6850E / 6400 / 6855 / 6855U24X / 9700E / 9800E]
1.105	May 18, 2011	General – Document updated for 7750 SR / 7450 ESS / 7710 SR 9.0 R3
		General – Document updated for 7750 MG 3.0 R2
		General – Document updated for OmniSwitch
1.106	May 30, 2011	General - Document updated for 7210 SAS-E 2.0 R8
		General - Document updated for 7210 SAS-M 2.0 R8
		General - Document updated for 7210 SAS-M 24F2XFP 2.0 R8
		General - Document updated for 7210 SAS-M 24F2XFP ETR 2.0 R8
		General - Document updated for 7210 SAS-X 2.0 R8
		General – Document updated for 7750 SR / 7450 ESS / 7710 SR 8.0 R10

5 Obtaining technical support

Technical Support Engineers are available to assist you 24 hours a day, 7 days a week.
For the list of regional contact telephone and fax numbers, visit: http://support.alcatel-lucent.com/ and click on the Alcatel-Lucent Global Support link.

6 Glossary

Term	Description
1830 PSS	Alcatel-Lucent 1830 Photonic Service Switch The Alcatel-Lucent 1830 Photonic Service Switch (PSS) is a multi-reach photonic platform, providing the first commercially available support for best in class, single carrier 100G Next Generation Coherent technology.
5620 SAM	5620 Service Aware Manager A single management platform offering element, network and service management for advanced Layer 2 and Layer 3 network solutions and services based on Alcatel-Lucent's Carrier Ethernet and IP/MPLS Service Routing portfolio.
5620 SAM client	The 5620 SAM client provides a GUI to configure IP network elements.
5620 SAM-O client	A 5620 SAM-O client is an application that uses the 5620 SAM-O interface to perform functions such as inventory management or alarm monitoring.
5620 SAM database	The 5620 SAM database stores network objects and configurations.
5620 SAM server	The 5620 SAM server mediates between the 5620 SAM database, 5620 SAM client, and the network.
5780 DSC	Alcatel-Lucent 5780 Dynamic Services Controller The 5780 DSC provides the Policy and Charging Rules Function (PCRF) as defined by the 3GPP, and is an integral component of the Alcatel-Lucent Ultimate Wireless Packet Core (UWPC) and Long Term Evolution (LTE) solutions while also supporting 3G deployments. The PCRF allow providers to manage and control network behavior based on specific business rules, application requirements, network status, and subscriber entitlement and preferences.
7250 SAS	Alcatel-Lucent 7250 Service Access Switch A feature-rich customer premises device purpose-built to deliver a complete portfolio of voice, video and data services to enterprise customers.
7210 SAS	Alcatel-Lucent 7210 Service Access Switch Available in MPLS and Ethernet variants, the 7210 SAS is built to enable cost effective and highly scalable Carrier Ethernet services delivery.
7450 ESS	Alcatel-Lucent 7450 Ethernet Service Switch Enables the delivery of profitable metro Ethernet services and high density service-aware Ethernet aggregation over IP/MPLS-based networks
7705 SAR	Alcatel-Lucent 7705 Service Aggregation Router Delivers industry-leading IP/MPLS and pseudo-wire capabilities in a compact platform that has the ability to groom and aggregate multiple media, service and transport protocols onto a normalized, economical packet transport infrastructure.

7710 SR	Alcatel-Lucent 7710 Service Router Ensures the delivery of high-performance carrier-grade data, voice and video services and brings carrier-grade reliability to smaller Points of Presence (POP) and offices.
7750 MG	Alcatel-Lucent 7750 Mobile Gateway The 7750 MG is an SR-based node which fulfills the role of the Serving Gateway (SGW) and Packet Data Network Gateway (PGW) in a 3GPP compliant architecture for an LTE network. The SGW is positioned at the edge of eUTRAN and terminates the connection from the eNodeB. The PGW acts as the transit point between the Evolved Packet Solution network and other networks (internet, IMS etc.).
7750 SR	Alcatel-Lucent 7750 Service Router A superior multi-service edge router - purpose built for service providers who are looking to deliver a new wave of residential and business services on a single IP/MPLS network.
9471 MME	Alcatel-Lucent 9471 Mobility Management Entity The 9471 Mobility Management Entity fulfills the role of the MME in a 3GPP compliant architecture for an LTE network. The MME is responsible for user equipment (UE) to access the network services by performing authorization and authentication of the UE. The MME is also responsible for bearer activation and deactivation and for selecting an SGW and PGW for the UE at the time of initial attachment.
9500 MPR	Alcatel-Lucent 9500 Microwave Packet Radio The Alcatel-Lucent 9500 Microwave Packet Radio (MPR) enables smooth transformation of backhaul networks from TDM to IP - and provides efficient transport of multimedia traffic, while still supporting legacy TDM. It improves packet aggregation, increases bandwidth, optimizes Ethernet connectivity and delivers the quality of service needed to satisfy end users.
OmniSwitch 6250	Alcatel-Lucent OmniSwitch 6250 The Alcatel-Lucent OmniSwitch 6250 Series is a family of fixed configuration, Gigabit Ethernet, stackable LAN switches with advanced Layer 2 and basic routing capabilities designed for both the Enterprise and Metro markets.
OmniSwitch 6400	Alcatel-Lucent OmniSwitch 6400 (OS6400) Series A set of compact, low-power, stackable layer 2+ Gigabit Ethernet local area network (LAN) switches. Ideal for small and medium-sized campus, branch offices and residential or business services as an Ethernet demarcation device (EDD).
OmniSwitch 6850	Alcatel-Lucent OmniSwitch 6850 (OS6850) Series Layer-3 Gigabit Ethernet fixed configuration switches that address the needs of modern enterprise and triple-play networking with flexible, stackable configurations; power-over-Ethernet, high availability, first-packet wire-speed performance, and dramatically improved network response time over past models.

OmniSwitch 6855	Alcatel-Lucent OmniSwitch 6855 (OS6855) Series Industrial grade, managed, Gigabit Ethernet switches designed to operate reliably in harsh electrical and severe temperature environments. Ideal for industrial and mission-critical applications that require wider operating temperatures, more stringent EMC/EMI requirements and optimized features set for high security, reliability, performance and easy management.
OmniSwitch 9600	Alcatel-Lucent OmniSwitch 9600 (OS9600) Series The Omni 9600 is a high performance switch offering four slots for Gigabit Ethernet and/or 10 gigabit Ethernet Network Interface (NI) modules. An additional one slot is reserved for the primary Chassis Management Module (CMM). The Omni 9600 supports a maximum of two load sharing power supplies.
OmniSwitch 9700	Alcatel-Lucent OmniSwitch 9700 (OS9700) Series The Omni 9700 is a high performance switch offering eight slots for Gigabit Ethernet and/or 10-gigabit Ethernet Network Interface (NI) modules. Additional two slots are reserved for primary and redundant Chassis Management Modules (CMMs). The Omni 9700 supports a maximum of three power supplies.
OmniSwitch 9800	Alcatel-Lucent OmniSwitch 9800 (OS9800) Series The Omni 9800 is a high performance switch offering 16 slots for Gigabit Ethernet and/or 10-Gigabit Ethernet Network Interface (NI) modules. An additional two slots are reserved for primary and redundant Chassis Management Modules (CMMs). The Omni 9800 supports a maximum of four power supplies.
Telco T5C	Telco Systems T5 Compact Service Extension Node Enables the delivery of high-performance and media-rich metro Ethernet services. The unique flexibility, efficiency, service, and high-availability characteristics of the Telco Systems T5C provide seamless service extension capabilities to the Alcatel-Lucent 7450 Ethernet Service Switch (ESS) and the Alcatel-Lucent 7750 Service Router (SR) product portfolios in the Metro Core, Metro Edge, Metro Access, and at the customer premises' boundary.